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A. Specifications of tablets used:

A.1. Specifications of round tablets.

Batch	formula	Powder density	R/D	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	Blank	1.573	0	12.5%	0.3068	1.3763	0.4222
2	Blank	1.573	0	15%	0.3068	1.3370	0.4102
3	Blank	1.573	0	17.5%	0.3068	1.2976	0.3981
4	Blank	1.573	0.5	12.5%	0.4048	1.3763	0.5571
5	Blank	1.573	0.5	15%	0.4048	1.3370	0.5412
6	Blank	1.573	0.5	17.5%	0.4048	1.2976	0.5253
7	Blank	1.573	1	12.5%	0.5172	1.3763	0.7118
8	Blank	1.573	1	15%	0.5172	1.3370	0.6915
9	Blank	1.573	1	17.5%	0.5172	1.2976	0.6711
10	Blank	1.573	1.43	12.5%	0.6486	1.3763	0.8927
11	Blank	1.573	1.43	15%	0.6486	1.3370	0.8672
12	Blank	1.573	1.43	17.5%	0.6486	1.2976	0.8416

Table A.1.1. Specification of round blank Xanthan Gum tablets.

Batch	formula	Powder density	R/D	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	Citrate	1.498	0	12.5%	0.3068	1.3108	0.4022
2	Citrate	1.498	0	15%	0.3068	1.2734	0.3907
3	Citrate	1.498	0	17.5%	0.3068	1.2359	0.3792
4	Citrate	1.498	0.5	12.5%	0.4048	1.3108	0.5306
5	Citrate	1.498	0.5	15%	0.4048	1.2734	0.5155
6	Citrate	1.498	0.5	17.5%	0.4048	1.2359	0.5003
7	Citrate	1.498	1	12.5%	0.5172	1.3108	0.6779
8	Citrate	1.498	1	15%	0.5172	1.2734	0.6586
9	Citrate	1.498	1	17.5%	0.5172	1.2359	0.6392
10	Citrate	1.498	1.43	12.5%	0.6486	1.3108	0.8502
11	Citrate	1.498	1.43	15%	0.6486	1.2734	0.8259
12	Citrate	1.498	1.43	17.5%	0.6486	1.2359	0.8016

Table A.1.2. Specification of round Xanthan Gum tablets with Orphenadrine Citrate.

Batch	formula	Powder density	R/D	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	HCl	1.479	0	12.5%	0.3068	1.2937	0.3969
2	HCl	1.479	0	15%	0.3068	1.2567	0.3856
3	HCl	1.479	0	17.5%	0.3068	1.2198	0.3742
4	HCl	1.479	0.5	12.5%	0.4048	1.2937	0.5237
5	HCl	1.479	0.5	15%	0.4048	1.2567	0.5087
6	HCl	1.479	0.5	17.5%	0.4048	1.2198	0.4938
7	HCl	1.479	1	12.5%	0.5172	1.2937	0.6691
8	HCl	1.479	1	15%	0.5172	1.2567	0.6500
9	HCl	1.479	1	17.5%	0.5172	1.2198	0.6309
10	HCl	1.479	1.43	12.5%	0.6486	1.2937	0.8391
11	HCl	1.479	1.43	15%	0.6486	1.2567	0.8151
12	HCl	1.479	1.43	17.5%	0.6486	1.2198	0.7912

Table A.1.3. Specification of round Xanthan Gum tablets with Orphenadrine HCl.

A.2. Specifications of elongated tablets.

Batch	formula	Powder density	Curve	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	Blank	1.573	0	15%	0.6250	1.3370	0.8356
2	Blank	1.573	0	17.5%	0.6250	1.2976	0.8110
3	Blank	1.573	0	20%	0.6250	1.2583	0.7864
4	Blank	1.573	1	15%	0.9583	1.3370	1.2812
5	Blank	1.573	1	17.5%	0.9583	1.2976	1.2435
6	Blank	1.573	1	20%	0.9583	1.2583	1.2058
7	Blank	1.573	2	15%	1.2917	1.3370	1.7270
8	Blank	1.573	2	17.5%	1.2917	1.2976	1.6761
9	Blank	1.573	2	20%	1.2917	1.2583	1.6253

Table A.2.1. Specifications of elongated blank Xanthan Gum tablets.

Batch	formula	Powder density	Curve	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	Citrate	1.498	0	15%	0.6250	1.2734	0.7959
2	Citrate	1.498	0	17.5%	0.6250	1.2359	0.7724
3	Citrate	1.498	0	20%	0.6250	1.1985	0.7491
4	Citrate	1.498	1	15%	0.9583	1.2734	1.2203
5	Citrate	1.498	1	17.5%	0.9583	1.2359	1.1844
6	Citrate	1.498	1	20%	0.9583	1.1985	1.1485
7	Citrate	1.498	2	15%	1.2917	1.2734	1.6449
8	Citrate	1.498	2	17.5%	1.2917	1.2359	1.5964
9	Citrate	1.498	2	20%	1.2917	1.1985	1.5481

Table A.2.2. Specifications of elongated Xanthan Gum tablets with Orphenadrine Citrate.

Batch	formula	Powder density	Curve	Porosity	Volume (cm ³)	Tablet Density	Weight (gm)
1	HCl	1.479	0	15%	0.6250	1.2567	0.7854
2	HCl	1.479	0	17.5%	0.6250	1.2198	0.7624
3	HCl	1.479	0	20%	0.6250	1.1828	0.7393
4	HCl	1.479	1	15%	0.9583	1.2567	1.2043
5	HCl	1.479	1	17.5%	0.9583	1.2198	1.1689
6	HCl	1.479	1	20%	0.9583	1.1828	1.1335
7	HCl	1.479	2	15%	1.2917	1.2567	1.6233
8	HCl	1.479	2	17.5%	1.2917	1.2198	1.5756
9	HCl	1.479	2	20%	1.2917	1.1828	1.5278

Table A.2.3. Specifications of elongated Xanthan Gum tablets with Orphenadrine HCl.

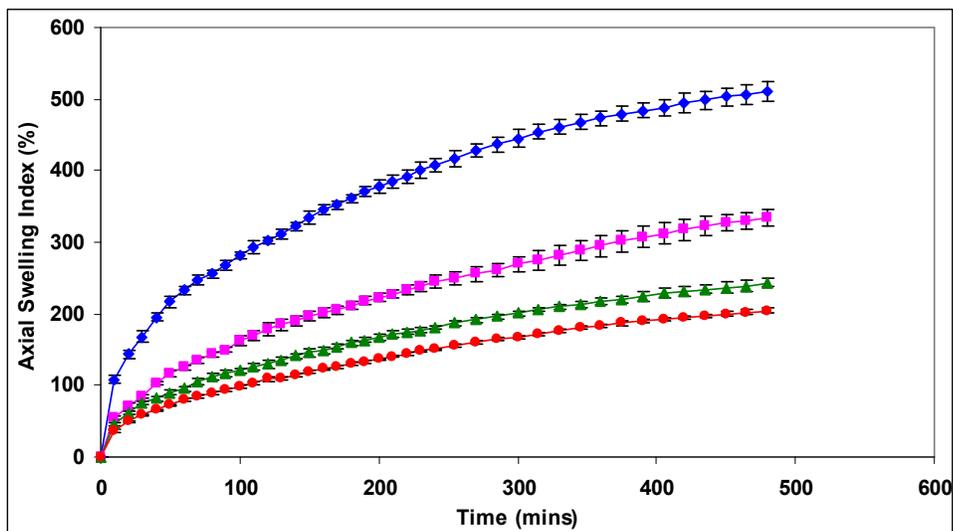
B. Results of tablet swelling studies:**B.1. Round tablets swelling studies:****B.1.1. Axial swelling studies:**

Figure B.1.1.1. Axial swelling profiles of round blank Xanthan Gum tablets, porosity of 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

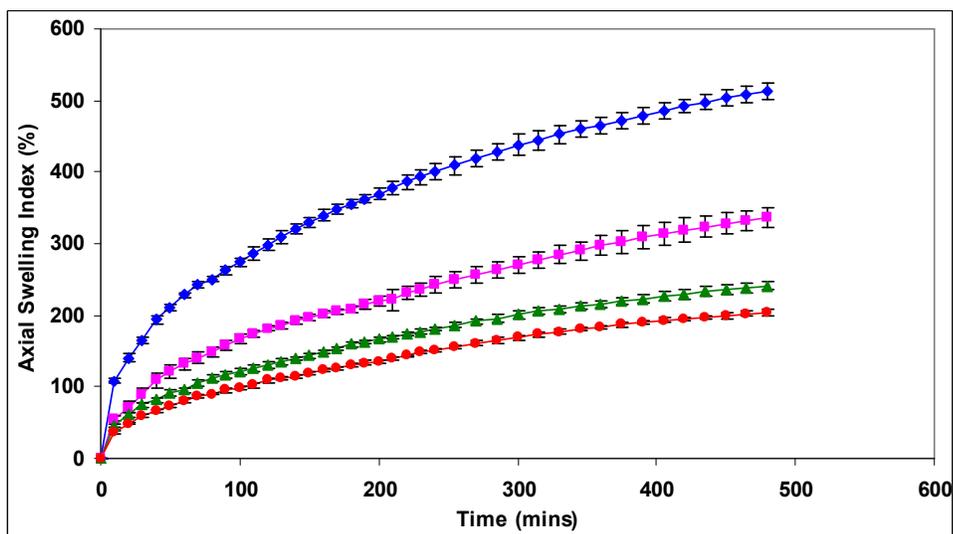


Figure B.1.1.2. Axial swelling profiles of round blank Xanthan Gum tablets, porosity of 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

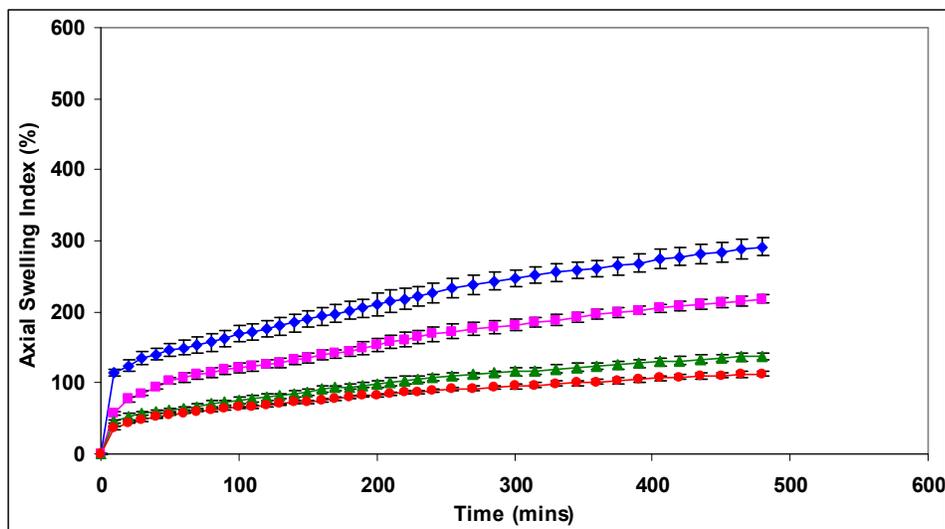


Figure B.1.1.3. Axial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate, porosity of 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

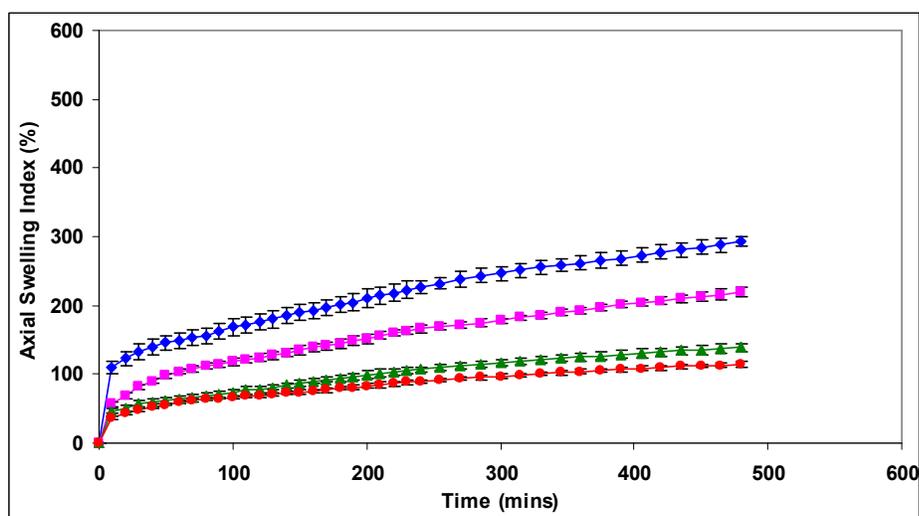


Figure B.1.1.4. Axial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate, porosity of 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

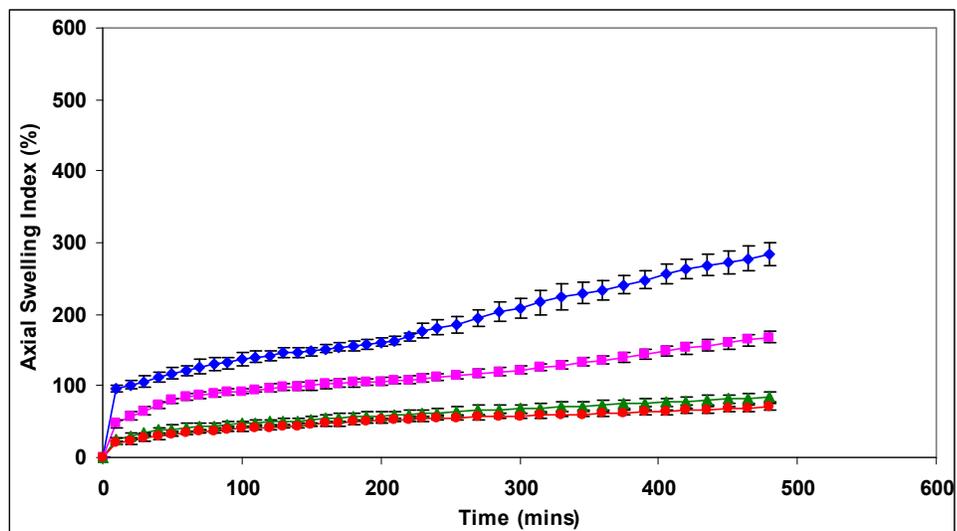


Figure B.1.1.5. Axial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl, porosity of 15%. -◆-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

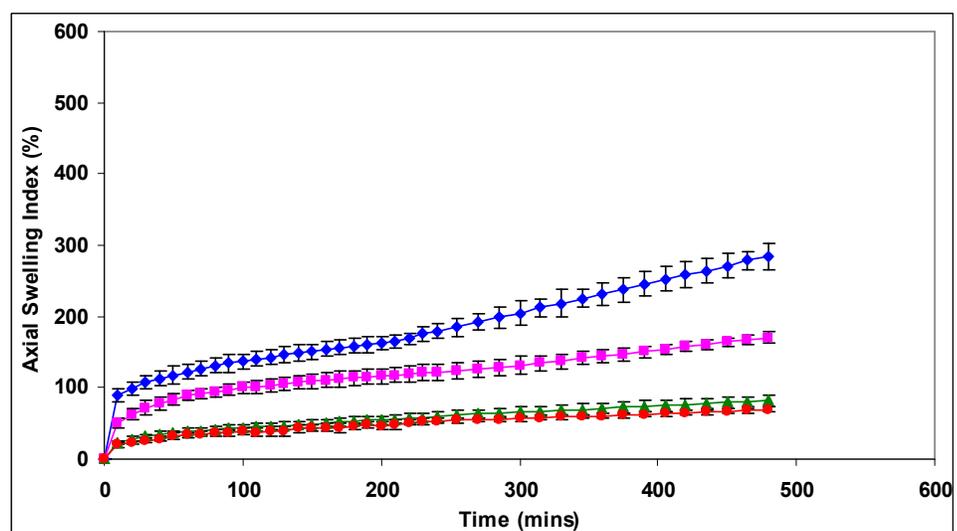


Figure B.1.1.6. Axial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl, porosity of 17.5%. -◆-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

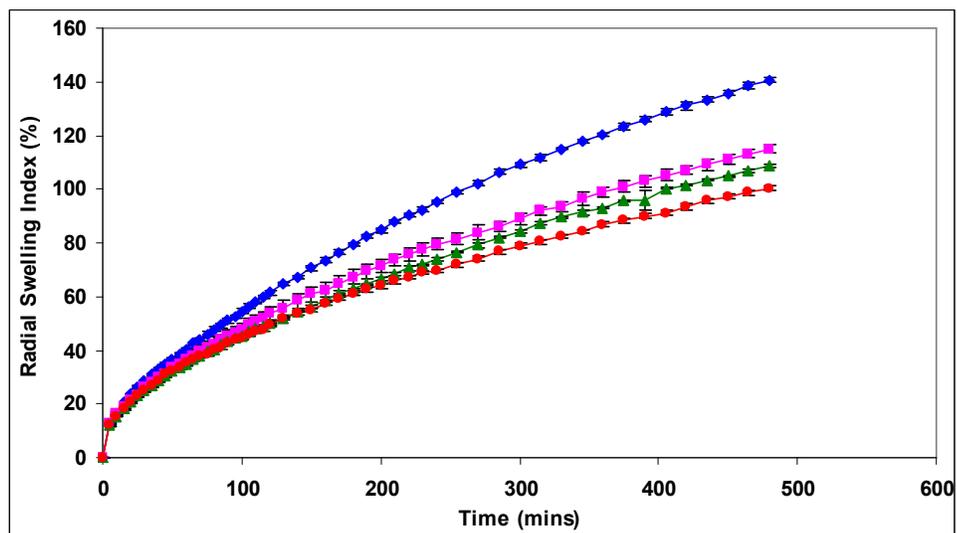
B.1.2. Radial swelling studies:

Figure B.1.2.1. Radial swelling profiles of round blank Xanthan Gum tablets, porosity of 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

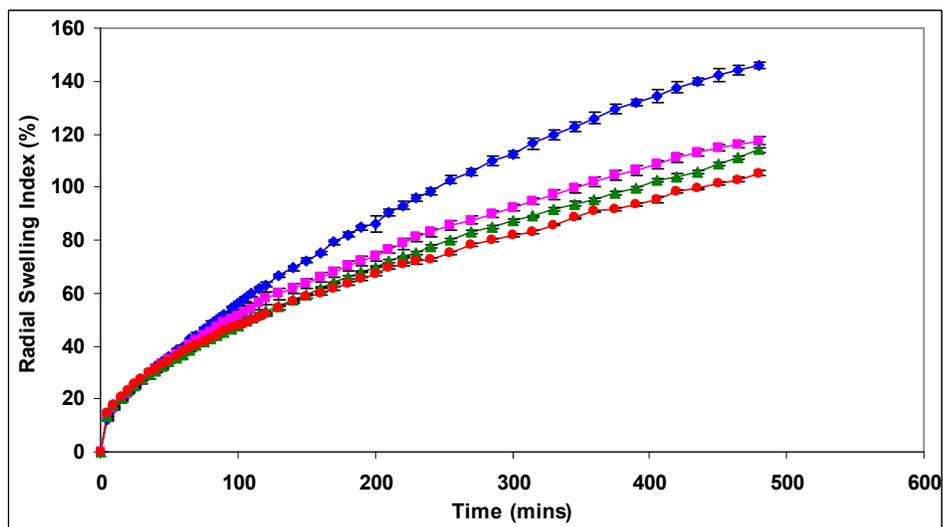


Figure B.1.2.2. Radial swelling profiles of round blank Xanthan Gum tablets, porosity of 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

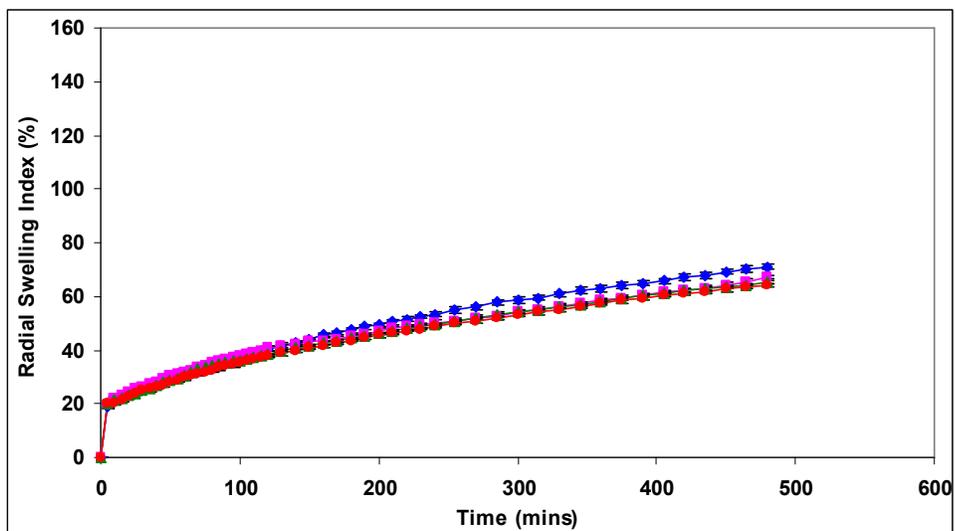


Figure B.1.2.3. Radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate, porosity of 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

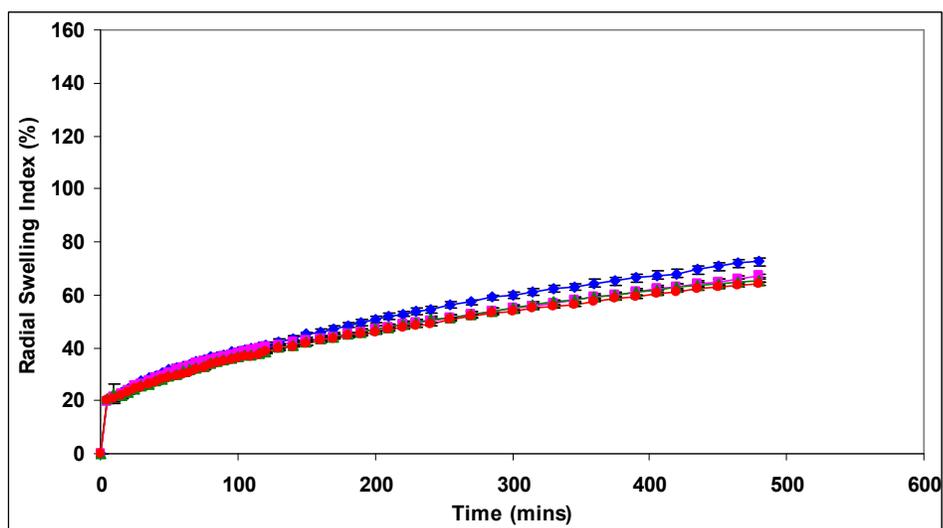


Figure B.1.2.4. Radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate, porosity of 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

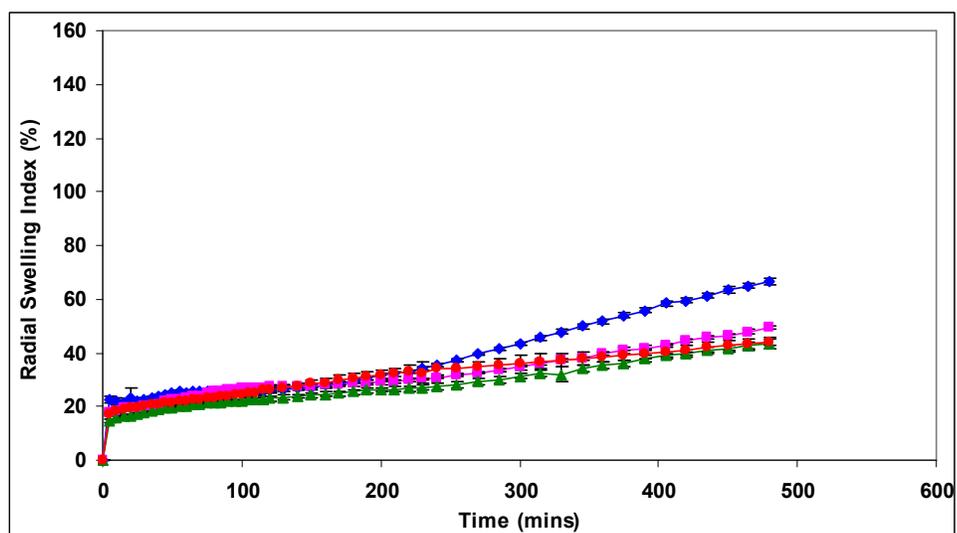


Figure B.1.2.5. Radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl, porosity of 15%. -♦-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

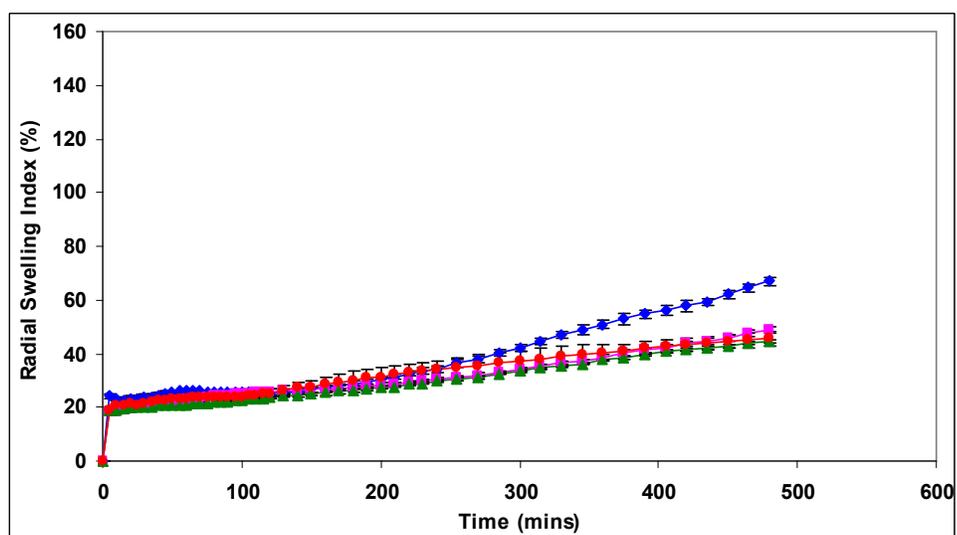


Figure B.1.2.6. Radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl, porosity of 17.5%. -♦-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

B.2. Statistical analysis of round tablets swelling studies:

B.2.1. Axial swelling studies:

curvatur	N	Subset			
		1	2	3	4
1.43	18	107.85013			
1	18		130.67211		
0.5	18			180.77292	
0	18				300.96622
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.1. Sheffé test analysis for axial swelling profiles of round blank Xanthan Gum tablets at 120 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	150.18942			
1	18		181.21815		
0.5	18			243.87264	
0	18				403.63961
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.2. Sheffé test analysis for axial swelling profiles of round blank Xanthan Gum tablets at 240 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	204.41291			
1	18		242.54397		
0.5	18			335.71631	
0	18				512.15137
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.3. Sheffé test analysis for axial swelling profiles of round blank Xanthan Gum tablets at 480 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	69.22775			
1	18		79.46884		
0.5	18			124.44989	
0	18				176.40104
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.4. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	89.41859			
1	18		106.68693		
0.5	18			167.18095	
0	18				227.13538
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.5. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	114.22811			
1	18		139.01971		
0.5	18			217.75586	
0	18				293.39111
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.6. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 480 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	40.48131			
1	18		48.22867		
0.5	18			99.82854	
0	18				143.59412
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.7. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 120 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	54.22152			
1	18		61.61551		
0.5	18			115.39941	
0	18				183.17092
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.8. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 240 minutes.

curvatur	N	Subset			
		1	2	3	4
1.43	18	69.22532			
1	18		83.37065		
0.5	18			167.21064	
0	18				284.36315
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.1.9. Sheffé test analysis for axial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 480 minutes.

B.2.2. Radial swelling studies:

curvatur	N	Subset		
		1	2	3
1.43	6	50.72909		
1.00	6		53.08021	
0.50	6		53.58101	
0.00	6			60.66777
Sig.		1.000	.888	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.1. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 120 minutes. Porosity 12.5%

curvatur	N	Subset		
		1	2	3
1.43	6	49.45805		
1.00	6	50.27566		
0.50	6		53.72569	
0.00	6			61.46096
Sig.		.805	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.2. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 120 minutes. Porosity 15%.

curvatur	N	Subset		
		1	2	3
1.43	6	51.73734		
1.00	6	52.92480		
0.50	6		58.09426	
0.00	6			63.14303
Sig.		.512	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.3. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 120 minutes. Porosity 17.5%.

curvatur	N	Subset		
		1	2	3
1.43	6	70.40469		
1.00	6		77.33628	
0.50	6		78.78619	
0.00	6			93.85977
Sig.		1.000	.059	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.4. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 240 minutes. Porosity 12.5%.

curvatur	N	Subset			
		1	2	3	4
1.43	6	69.81504			
1.00	6		73.80912		
0.50	6			79.61248	
0.00	6				95.28887
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.5. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 240 minutes. Porosity 15%.

curvatur	N	Subset			
		1	2	3	4
1.43	6	72.92505			
1.00	6		77.39673		
0.50	6			82.88885	
0.00	6				98.35748
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.6. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 240 minutes. Porosity 17.5%.

curvatur	N	Subset			
		1	2	3	4
1.43	6	101.61286			
1.00	6		111.53592		
0.50	6			115.21708	
0.00	6				138.32324
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.7. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 480 minutes. Porosity 12.5%.

curvatur	N	Subset			
		1	2	3	4
1.43	6	100.31162			
1.00	6		108.73897		
0.50	6			115.02357	
0.00	6				140.59625
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
b Alpha = .05.

Table B.2.2.8. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 480 minutes. Porosity 15%.

curvatur	N	Subset			
		1	2	3	4
1.43	6	105.23828			
1.00	6		113.94893		
0.50	6			117.47904	
0.00	6				145.95788
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.9. Sheffé test analysis for radial swelling profiles of round blank Xanthan Gum tablets at 480 minutes. Porosity 17.5%.

curvatur	N	Subset	
		1	2
1.43	18	37.95009	
1	18	38.28985	
0.5	18		40.20381
0	18		40.83255
Sig.		.560	.079

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.2.10. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes.

porosity	N	Subset	
		1	2
12.5	24	39.08178	
15	24	39.28028	39.28028
17.5	24		39.59517
Sig.		.625	.311

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 24.000.
Alpha = .05.

Table B.2.2.11. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes. Differences between porosity levels.

curvatur	N	Subset		
		1	2	3
1.43	18	48.70148		
1	18		49.70402	
0.5	18		49.99547	
0	18			54.09631
Sig.		1.000	.804	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.2.12. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes.

porosity	N	Subset	
		1	2
12.5	24	50.32795	
15	24	50.41758	
17.5	24		51.12743
Sig.		.940	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 24.000.
Alpha = .05.

Table B.2.2.13. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes. Differences between porosity levels.

curvatur	N	Subset			
		1	2	3	4
1.43	18	64.11260			
1	18		65.35976		
0.5	18			66.94462	
0	18				71.57182
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.2.14. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 480 minutes.

curvatur	N	Subset	
		1	2
1.00	6	24.72510	
1.43	6	25.69706	25.69706
0.00	6		26.53259
0.50	6		26.72597
Sig.		.072	.053

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.15. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 120 minutes. Porosity 12.5%.

curvatur	N	Subset	
		1	2
1.00	6	23.10588	
0.00	6		25.97943
1.43	6		26.31167
0.50	6		27.20872
Sig.		1.000	.119

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.16. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 120 minutes. Porosity 15%.

curvatur	N	Subset	
		1	2
1.00	6	23.82117	
1.43	6	25.21880	25.21880
0.00	6	25.29703	25.29703
0.50	6		25.88471
Sig.		.212	.801

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.17. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 120 minutes. Porosity 17.5%.

curvatur	N	Subset		
		1	2	3
1.00	6	29.78377		
0.50	6	30.66634	30.66634	
1.43	6		31.98786	
0.00	6			36.02379
Sig.		.488	.165	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.18. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 240 minutes. Porosity 12.5%.

curvatur	N	Subset		
		1	2	3
1.00	6	27.56324		
0.50	6		30.78354	
1.43	6			33.89536
0.00	6			35.46418
Sig.		1.000	1.000	.265

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.19. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 240 minutes. Porosity 15%.

curvatur	N	Subset	
		1	2
1.00	6	29.69267	
0.50	6	30.48263	
1.43	6		34.06199
0.00	6		34.45367
Sig.		.912	.988

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table B.2.2.20. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 240 minutes. Porosity 17.5%.

curvatur	N	Subset		
		1	2	3
1.00	18	44.07628		
1.43	18	44.71032		
0.50	18		49.40806	
0.00	18			67.29235
Sig.		.573	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table B.2.2.21. Sheffé test analysis for radial swelling profiles of round Xanthan Gum tablets with Orphenadrine HCl at 480 minutes.

B.3. Elongated tablets swelling studies:

B.3.1. Height swelling studies:

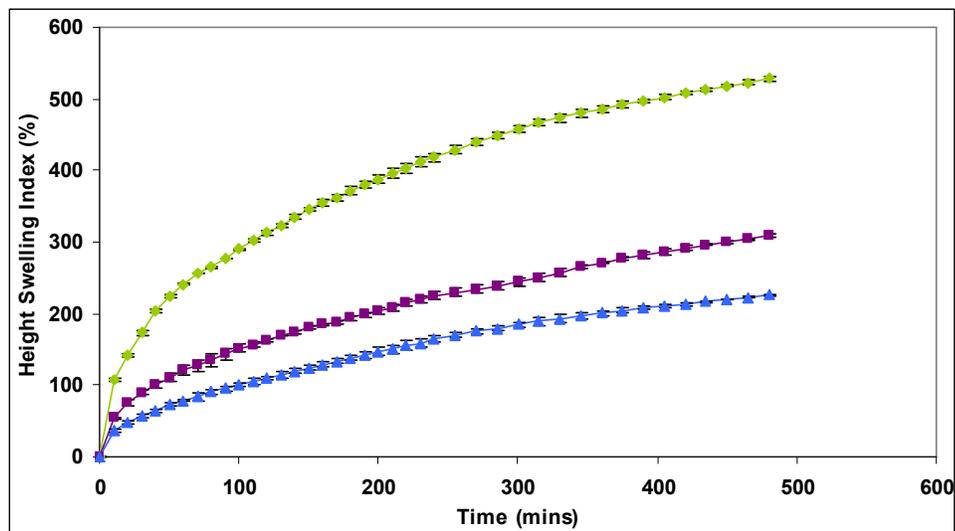


Figure B.3.1.1. Height swelling profiles of elongated blank Xanthan Gum tablets, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

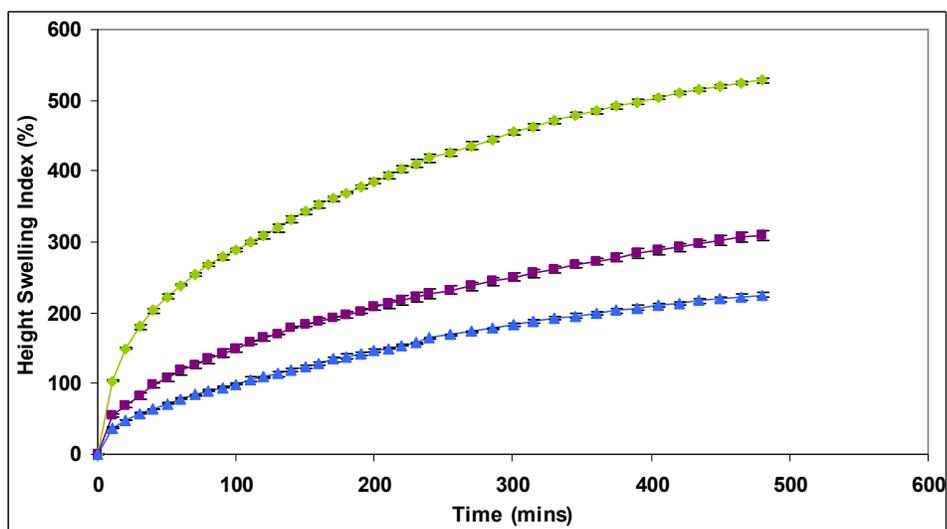


Figure B.3.1.2. Height swelling profiles of elongated blank Xanthan Gum tablets, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

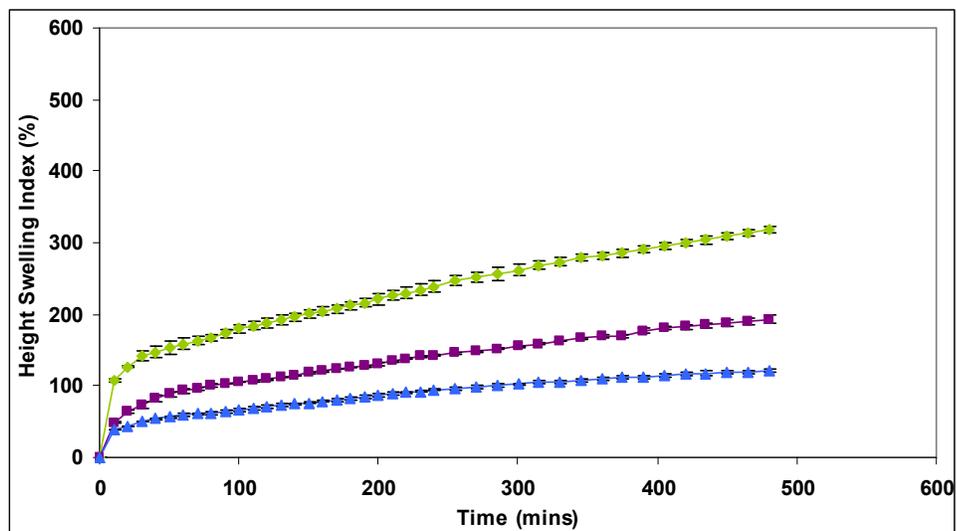


Figure B.3.1.3. Height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

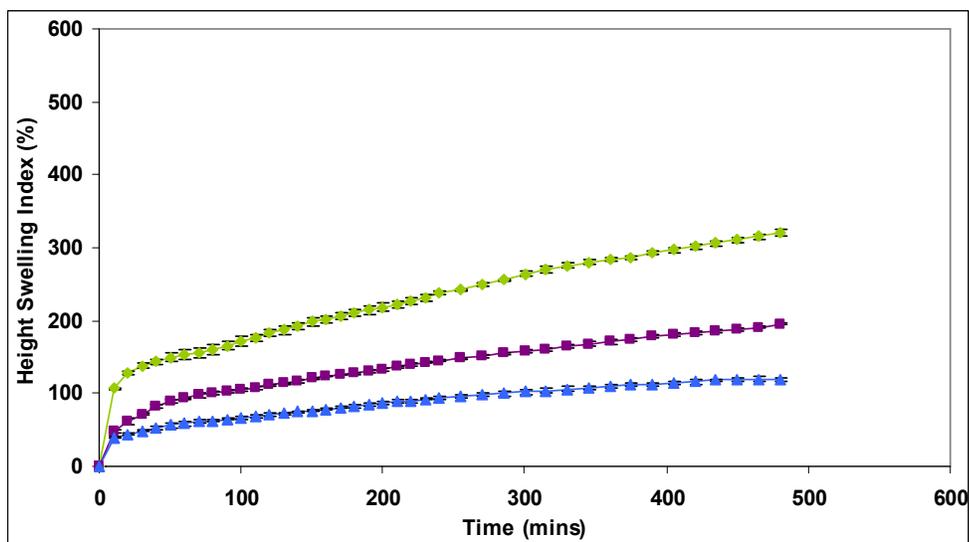


Figure B.3.1.4. Height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

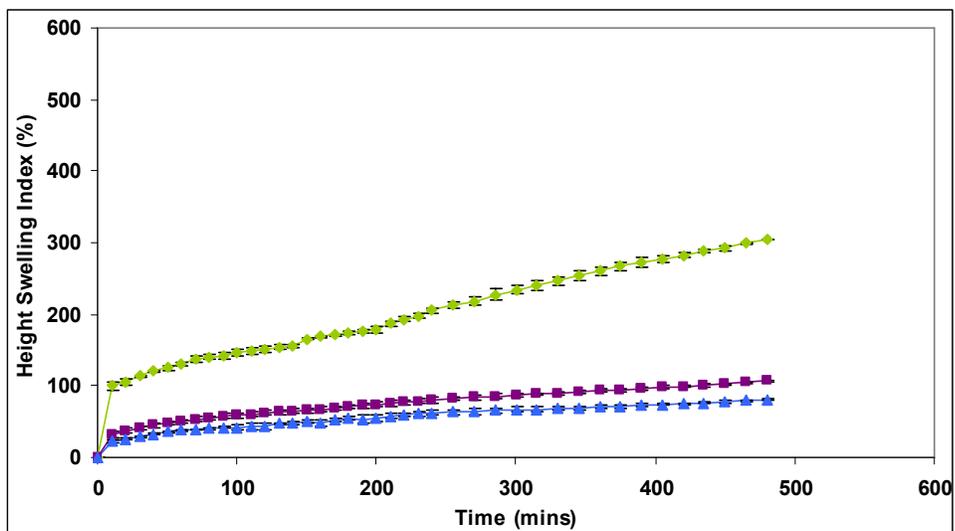


Figure B.3.1.5. Height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 17.5%. \blacklozenge -(curvature 0 mm), \blacksquare -(curvature 1 mm), \blacktriangle -(curvature 2 mm), (n=3).

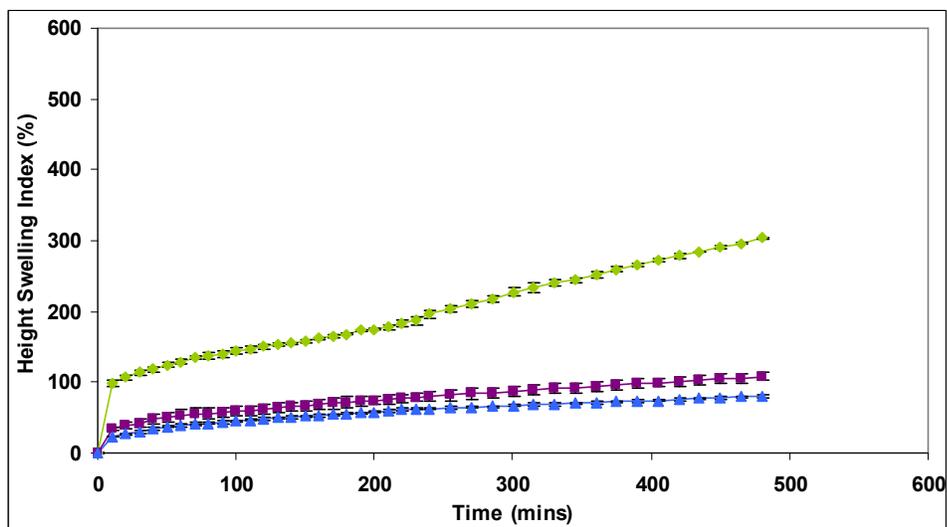


Figure B.3.1.6. Height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 20%. \blacklozenge -(curvature 0 mm), \blacksquare -(curvature 1 mm), \blacktriangle -(curvature 2 mm), (n=3).

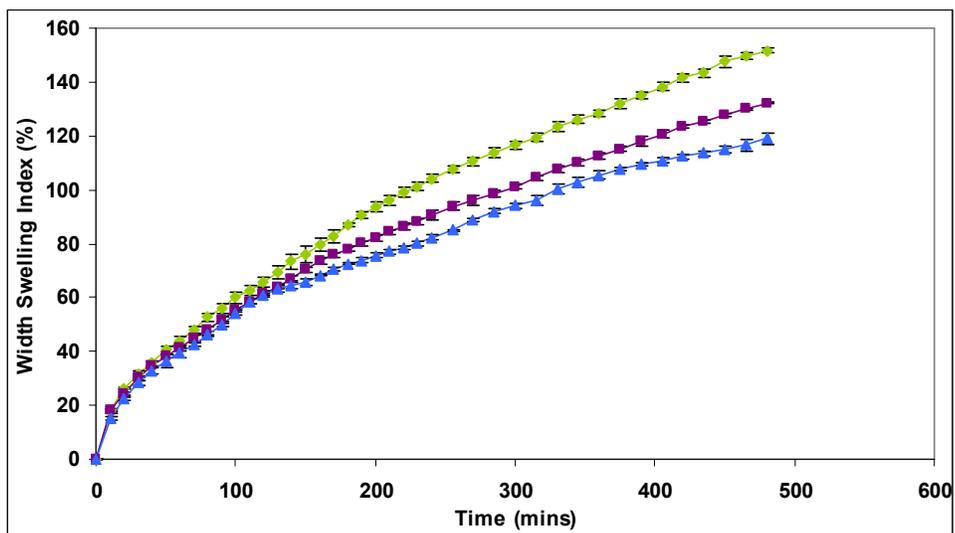
B.3.2. Width swelling studies:

Figure B.3.2.1. Width swelling profiles of elongated blank Xanthan Gum tablets, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

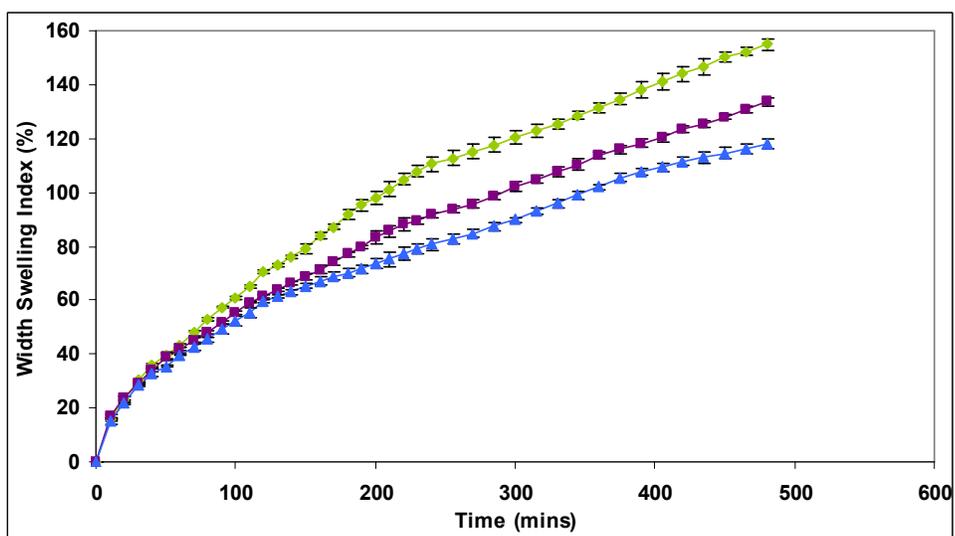


Figure B.3.2.2. Width swelling profiles of elongated blank Xanthan Gum tablets, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

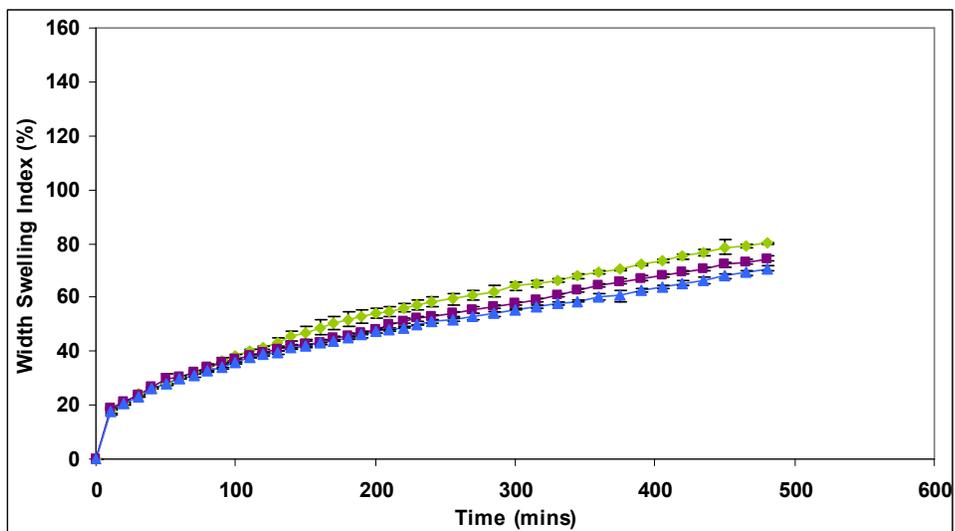


Figure B.3.2.3. Width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

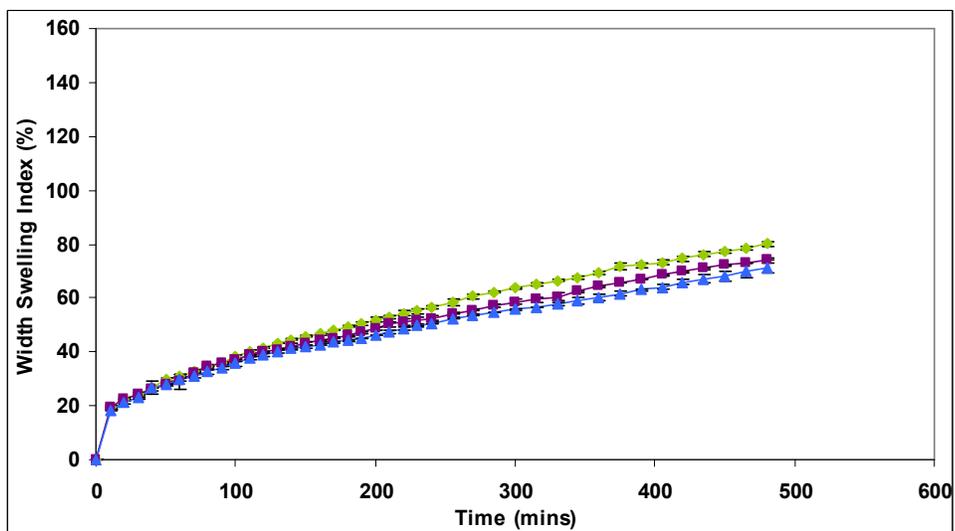


Figure B.3.2.4. Width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

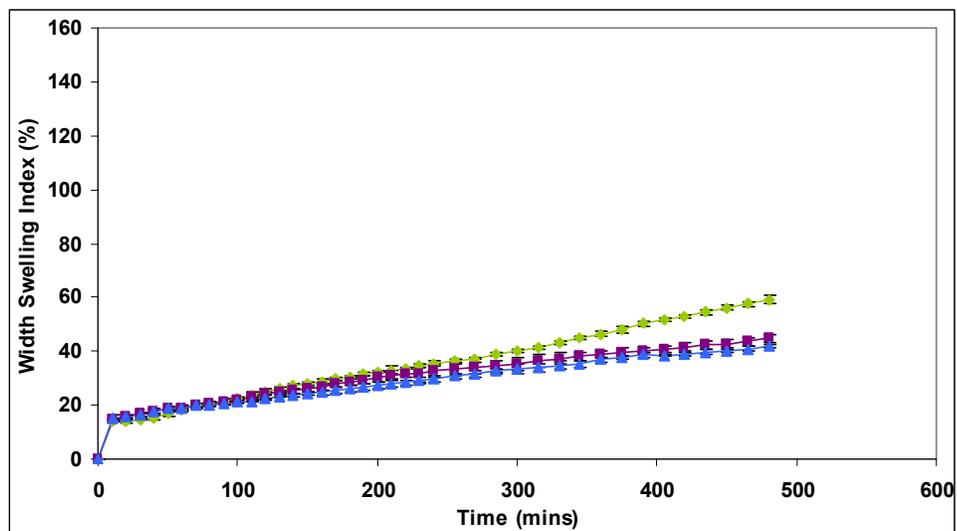


Figure B.3.2.5. Width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

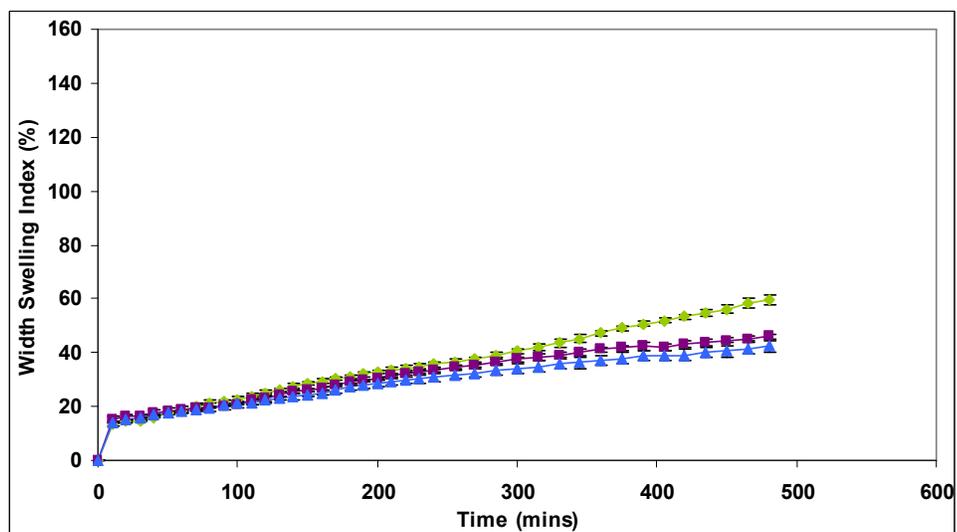


Figure B.3.2.6. Width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

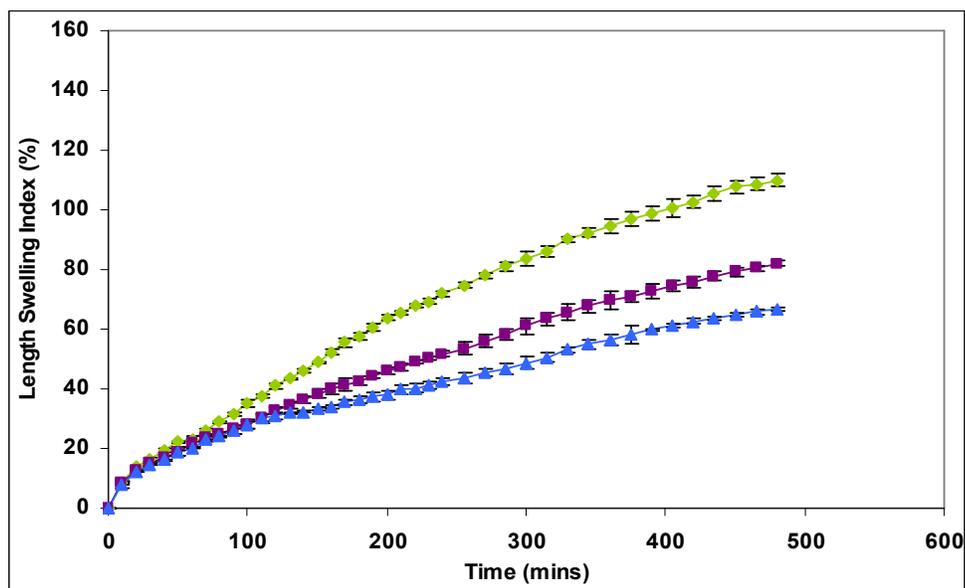
B.3.3. Length swelling studies:

Figure B.3.3.1. Length swelling profiles of elongated blank Xanthan Gum tablets, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

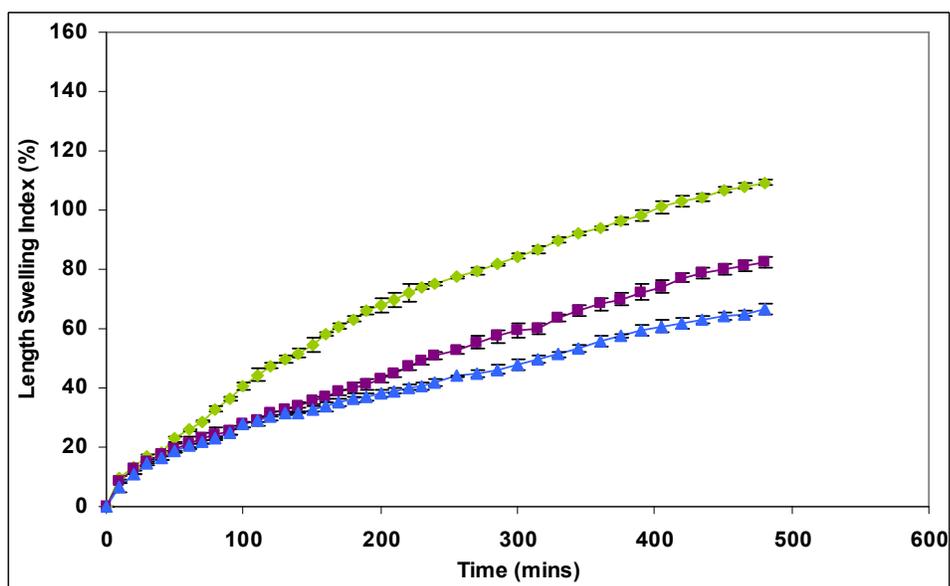


Figure B.3.3.2. Length swelling profiles of elongated blank Xanthan Gum tablets, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

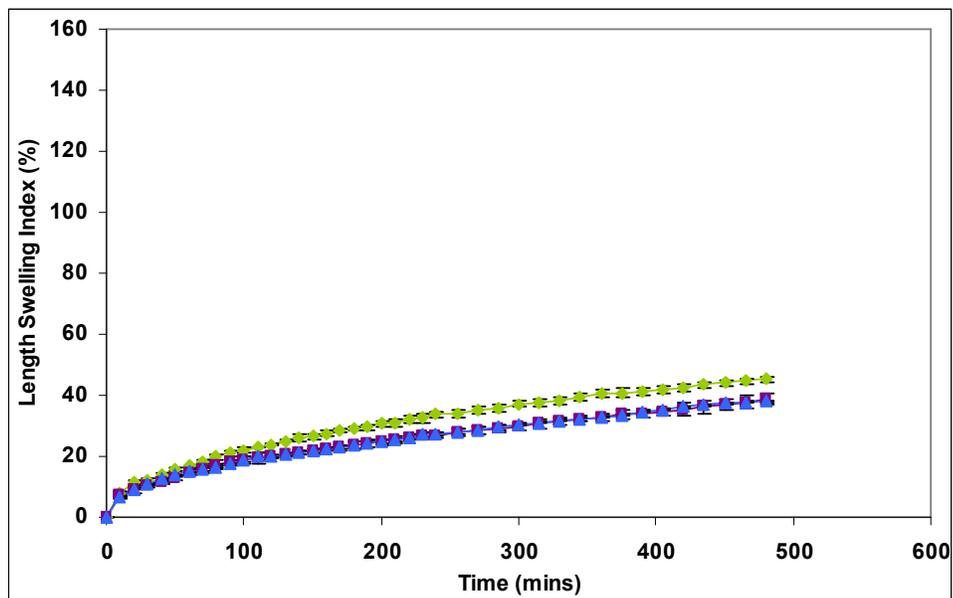


Figure B.3.3.3. Length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 17.5%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

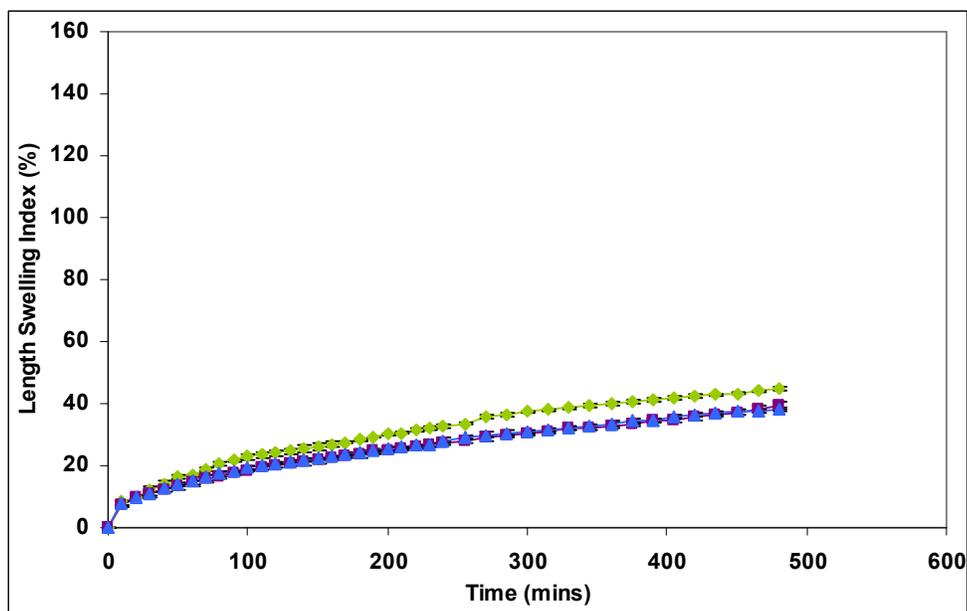


Figure B.3.3.4. Length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity of 20%. -◆-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

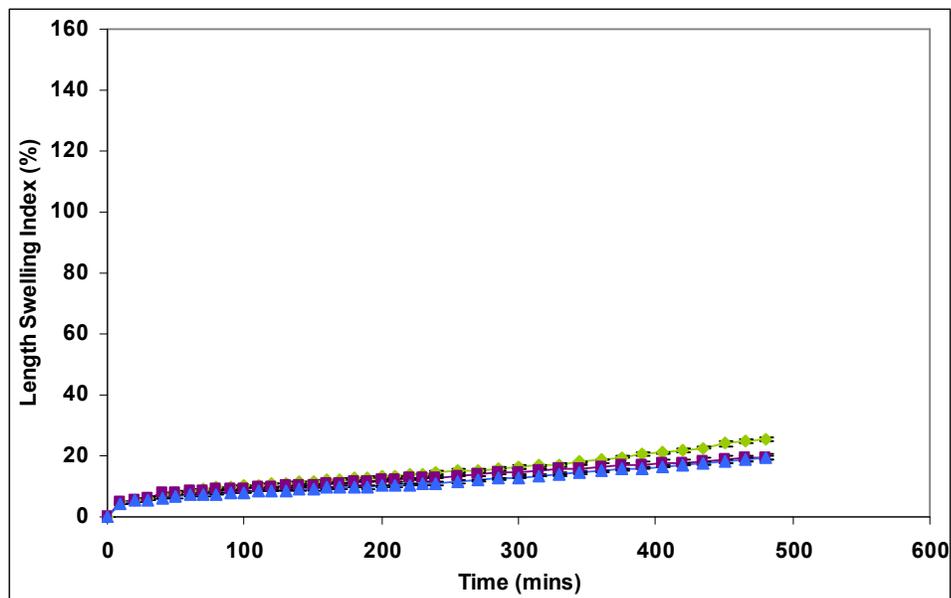


Figure B.3.3.5. Length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 17.5%. -◇-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

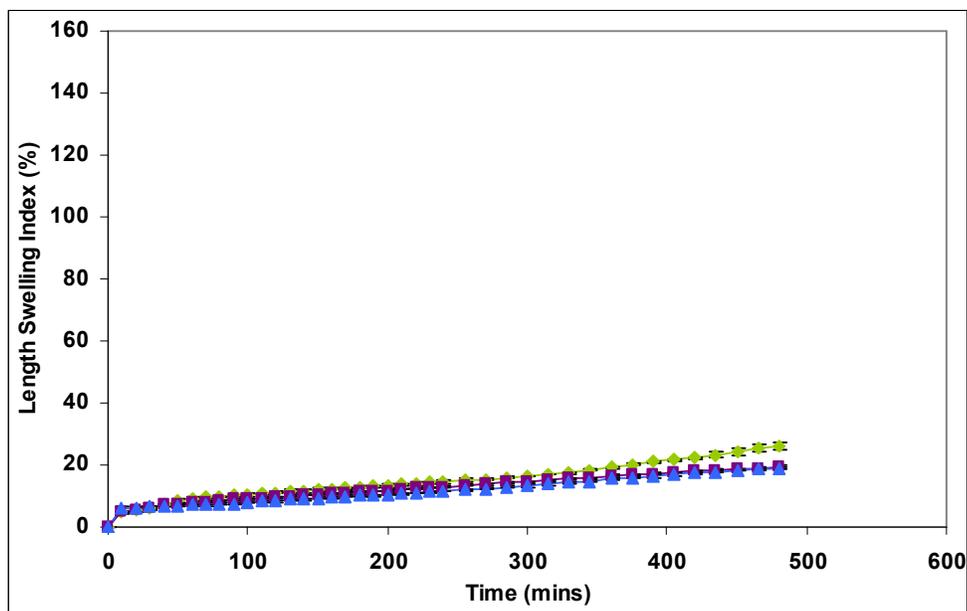


Figure B.3.3.6. Length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl, porosity of 20%. -◇-(curvature 0 mm), -■-(curvature 1 mm), -▲-(curvature 2 mm), (n=3).

B.4. Statistical analysis of elongated tablets swelling studies:

B.4.1. Height swelling studies:

Curvature	N	Subset		
		1	2	3
2	9	109.68136		
1	9		167.39003	
0	9			312.23459
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.1. Sheffé test analysis for height swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	163.54343		
1	9		225.92283	
0	9			417.27611
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.2. Sheffé test analysis for height swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes.

Curvature	N	Subset		
		1	2	3
2	9	225.83140		
1	9		309.81467	
0	9			526.89644
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.3. Sheffé test analysis for height swelling profiles of elongated blank Xanthan Gum tablets at 480 minutes.

Curvature	N	Subset		
		1	2	3
2	9	70.16156		
1	9		110.19604	
0	9			186.42739
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.4. Sheffé test analysis for height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	93.80090		
1	9		143.95705	
0	9			238.98246
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.5. Sheffé test analysis for axial height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes.

Curvature	N	Subset		
		1	2	3
2	9	120.44161		
1	9		192.86886	
0	9			319.69573
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.6. Sheffé test analysis for height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 480 minutes.

Curvature	N	Subset		
		1	2	3
2	9	45.99163		
1	9		62.70992	
0	9			149.64245
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.7. Sheffé test analysis for height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	61.96816		
1	9		80.04524	
0	9			201.34408
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.8. Sheffé test analysis for height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 240 minutes.

Curvature	N	Subset		
		1	2	3
2	9	80.57290		
1	9		107.71419	
0	9			304.79317
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.1.9. Sheffé test analysis for height swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 480 minutes.

B.4.2. Width swelling studies:

Curvature	N	Subset	
		1	2
2	3	59.50210	
1	3	61.62955	
0	3		65.81534
Sig.		.069	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.1. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 15%.

Curvature	N	Subset	
		1	2
2	3	60.92784	
1	3	61.04732	
0	3		65.73186
Sig.		.993	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.2. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
2	3	59.53668		
1	3		61.17629	
0	3			70.58331
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test Uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.3. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	3	78.90810		
1	3		89.43576	
0	3			102.45814
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.4. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
2	3	82.20257		
1	3		89.41344	
0	3			104.07567
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.5. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
2	3	80.72322		
1	3		91.69192	
0	3			110.50672
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.2.6. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	9	117.97637		
1	9		132.20687	
0	9			152.49942
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.7. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 480 minutes.

Porosity	N	Subset	
		1	2
15.0%	9	133.06207	
17.5%	9	134.08034	134.08034
20.0%	9		135.54025
Sig.		.388	.158

Means for groups in homogeneous subsets are displayed.
Sheffe test Uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.8. Sheffé test analysis for width swelling profiles of elongated blank Xanthan Gum tablets at 480 minutes. Differences between porosity levels.

Curvature	N	Subset		
		1	2	3
2	9	38.98507		
1	9		39.66822	
0	9			41.76918
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.9. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	50.85190		
1	9		52.68440	
0	9			57.56340
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.10. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes.

Curvature	N	Subset		
		1	2	3
2	9	71.06468		
1	9		74.13703	
0	9			79.74884
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.11. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 480 minutes.

Curvature	N	Subset		
		1	2	3
2	9	22.28867		
1	9		23.64793	
0	9			25.22329
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.12. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	30.28969		
1	9		32.73424	
0	9			35.49652
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.13. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 240 minutes.

Curvature	N	Subset		
		1	2	3
2	9	41.88261		
1	9		45.24529	
0	9			59.71585
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.2.14. Sheffé test analysis for width swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 480 minutes.

B.4.3. Length swelling studies:

Curvature	N	Subset	
		1	2
2	3	28.31512	
1	3	32.06707	
0	3		39.32120
Sig.		.057	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.3.1. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 15%.

Curvature	N	Subset	
		1	2
2	3	30.81231	
1	3	32.65672	
0	3		41.15700
Sig.		.167	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.3.2. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 17.5%.

Curvature	N	Subset	
		1	2
2	3	30.08972	
1	3	31.26396	
0	3		47.46686
Sig.		.402	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.3.3. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 120 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	3	42.07691		
1	3		51.49702	
0	3			70.14975
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.3.4. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
2	3	42.23116		
1	3		52.12373	
0	3			71.79294
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table B.4.3.5. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
2	3	42.03814		
1	3		50.81108	
0	3			75.34284
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05

Table B.4.3.6. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 240 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	9	66.79860		
1	9		81.89480	
0	9			108.78721
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.7. Sheffé test analysis for length swelling profiles of elongated blank Xanthan Gum tablets at 480 minutes.

Curvature	N	Subset	
		1	2
1	9	19.95332	
2	9	20.32806	
0	9		23.68430
Sig.		.462	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.8. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 120 minutes.

Curvature	N	Subset	
		1	2
1	9	27.31559	
2	9	27.63230	
0	9		33.21295
Sig.		.670	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.9. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 240 minutes.

Curvature	N	Subset	
		1	2
2	9	38.12647	
1	9	38.86708	
0	9		44.73130
Sig.		.415	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.10. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 480 minutes.

Curvature	N	Subset		
		1	2	3
2	9	8.65504		
1	9		9.64128	
0	9			11.02548
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.11. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 120 minutes.

Curvature	N	Subset		
		1	2	3
2	9	11.52671		
1	9		12.99019	
0	9			14.59188
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.12. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 240 minutes.

Curvature	N	Subset	
		1	2
2	9	19.00547	
1	9	19.47641	
0	9		25.79783
Sig.		.410	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table B.4.3.13. Sheffé test analysis for length swelling profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 480 minutes.

B.5. Tablet dimensions at the consecutive hydration times.

B.5.1. Round tablets.

B.5.1.1. Tablet height.

Time(min)	height after swelling (mm)					
	1	2	3	4	5	6
0	2.58	2.56	2.57	2.58	2.58	2.56
10	5.42	5.23	5.29	5.43	5.32	5.67
20	6.31	6.03	6.12	6.49	6.10	6.50
30	6.81	6.61	6.80	7.02	6.84	7.19
40	7.54	7.53	7.69	7.82	7.43	7.79
50	8.09	8.10	8.01	8.21	8.00	8.42
60	8.62	8.60	8.57	8.61	8.36	8.67
70	9.01	9.02	8.88	9.02	8.77	9.17
80	9.29	9.32	9.12	9.14	8.93	9.30
90	9.60	9.68	9.36	9.45	9.19	9.56
100	9.91	10.11	9.60	9.82	9.51	9.83
110	10.19	10.30	9.89	10.06	9.75	9.96
120	10.35	10.56	10.38	10.42	9.98	10.31
130	10.65	10.87	10.53	10.62	10.31	10.57

140	10.99	10.15	10.98	10.76	10.57	10.93
150	11.37	11.42	11.15	11.09	10.83	11.22
160	11.63	11.60	11.34	11.23	11.04	11.51
170	11.79	11.88	11.52	11.45	11.26	11.73
180	12.01	12.09	11.68	11.63	11.46	11.98
190	12.19	12.26	11.97	11.82	11.64	12.13
200	12.32	12.41	12.13	12.05	11.88	12.33
210	12.40	12.56	12.39	12.41	12.10	12.52
220	12.56	12.71	12.52	12.58	12.33	12.69
230	12.74	12.98	12.64	12.71	12.50	12.93
240	12.87	13.14	12.73	12.98	12.69	13.19
255	13.31	13.43	13.09	13.30	12.82	13.26
270	13.56	13.62	13.41	13.46	13.07	13.48
285	13.84	13.89	13.63	13.65	13.32	13.70
300	13.97	14.10	13.85	14.02	13.52	13.84
315	14.18	14.33	14.07	14.23	13.60	13.99
330	14.32	14.42	14.29	14.33	13.88	14.26
345	14.51	14.56	14.47	14.53	14.12	14.49
360	14.68	14.69	14.59	14.72	14.25	14.62
375	14.75	14.84	14.70	14.99	14.33	14.83
390	14.86	14.96	14.82	15.14	14.45	14.99
405	14.99	15.11	14.91	15.29	14.59	15.12
420	15.13	15.39	15.09	15.49	14.71	15.27
435	15.32	15.64	15.17	15.54	14.98	15.35
450	15.50	15.80	15.30	15.70	15.10	15.49
465	15.69	16.09	15.39	15.86	15.14	15.53
480	15.77	16.30	15.53	16.01	15.33	15.66

Table B.5.1.1.1. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.00, porosity 12.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	2.56	2.57	2.56	2.58	2.59	2.56
10	5.31	5.48	5.16	5.28	5.40	5.53
20	5.96	6.45	6.29	6.26	6.28	6.30
30	6.65	7.16	6.70	6.84	6.92	7.07
40	7.43	7.70	7.43	7.53	7.76	7.72
50	7.92	8.36	7.89	8.10	8.20	8.36
60	8.37	8.71	8.41	8.49	8.63	8.70
70	8.76	9.18	8.72	8.98	8.89	9.07
80	8.98	9.43	8.92	9.13	9.16	9.18
90	9.25	9.73	9.20	9.55	9.50	9.46
100	9.68	10.03	9.70	9.73	9.91	9.74
110	9.93	9.92	10.36	9.88	10.31	10.22
120	10.32	10.52	10.28	10.26	10.52	10.15
130	10.57	10.79	10.39	10.43	10.81	10.44
140	10.84	11.11	10.57	10.79	10.98	10.76
150	11.10	11.52	10.89	11.02	11.36	11.04
160	11.44	11.70	11.37	11.36	11.64	11.21
170	11.69	11.83	11.49	11.49	11.75	11.42
180	11.93	12.05	11.82	11.66	11.97	11.73
190	12.20	12.22	11.98	11.80	12.28	11.99
200	12.51	12.44	12.16	11.96	12.37	12.24
210	12.79	12.62	12.31	12.20	12.52	12.41
220	13.02	12.75	12.42	12.40	12.68	12.57
230	13.27	13.06	12.57	12.65	12.84	12.83
240	13.38	13.21	12.73	12.81	13.08	13.05
255	13.69	13.46	12.92	13.20	13.20	13.22
270	13.91	13.72	13.18	13.44	13.59	13.54
285	14.11	14.01	13.36	13.70	13.82	13.77
300	14.50	14.12	13.53	13.89	14.14	13.82
315	14.65	14.28	13.91	14.08	14.32	14.21
330	14.82	14.43	14.14	14.23	14.50	14.41

345	15.02	14.57	14.30	14.37	14.66	14.64
360	15.09	14.72	14.46	14.43	14.81	14.87
375	15.18	14.88	14.59	14.57	15.02	15.06
390	15.32	14.94	14.67	14.73	15.16	15.17
405	15.47	15.10	14.74	14.87	15.26	15.30
420	15.72	15.24	14.80	15.01	15.39	15.47
435	15.82	15.32	14.98	15.16	15.49	15.50
450	15.95	15.44	15.02	15.29	15.55	15.68
465	16.09	15.53	15.08	15.40	15.63	15.73
480	16.14	15.62	15.20	15.53	15.71	15.87

Table B.5.1.1.2. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.00, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.59	2.57	2.58	2.58	2.59	2.59
10	5.34	5.30	5.24	5.50	5.48	5.44
20	6.14	6.16	6.09	6.31	6.12	6.50
30	6.80	6.65	6.72	6.97	6.81	6.96
40	7.66	7.37	6.53	7.55	7.58	7.83
50	7.97	7.90	7.95	8.16	8.07	8.22
60	8.52	8.42	8.37	8.41	8.51	8.63
70	8.81	8.80	6.62	8.89	8.91	9.01
80	9.05	9.08	8.93	9.02	9.12	9.15
90	9.28	9.38	9.27	9.27	9.40	9.65
100	9.51	9.68	9.66	9.53	9.73	9.84
110	9.79	9.95	10.05	9.66	10.18	10.19
120	10.27	10.11	10.26	10.00	10.57	10.55
130	10.41	10.40	10.54	10.25	10.82	10.88

140	10.85	10.73	10.71	10.60	11.15	11.03
150	11.02	11.11	11.08	10.85	11.35	11.27
160	11.20	11.36	11.35	11.16	11.70	11.39
170	11.50	11.52	11.46	11.38	11.94	11.60
180	11.73	11.73	11.67	11.62	12.05	11.78
190	11.81	11.91	11.97	11.84	12.21	11.97
200	11.97	12.03	12.06	11.96	12.51	12.21
210	12.22	12.21	12.21	12.14	12.79	12.57
220	12.52	12.37	12.36	12.31	13.04	12.76
230	12.57	12.61	12.52	12.54	13.27	12.87
240	12.75	12.77	12.60	12.79	13.47	13.15
255	12.92	13.00	12.87	12.90	13.68	13.52
270	13.21	13.25	13.25	13.08	13.90	13.63
285	13.45	13.52	13.47	13.29	14.15	13.83
300	13.70	13.81	13.79	13.35	14.48	14.20
315	13.94	13.90	13.96	13.61	14.62	14.41
330	14.15	14.22	14.14	13.83	14.79	14.51
345	14.37	14.37	14.29	14.06	14.99	14.72
360	14.43	14.54	14.44	14.22	15.06	14.91
375	14.65	14.71	14.64	14.39	15.15	15.18
390	14.80	14.85	14.78	14.52	15.28	15.33
405	15.17	14.97	14.93	14.70	15.43	15.49
420	15.33	15.26	15.11	14.89	15.52	15.55
435	15.57	15.43	15.24	14.96	15.69	15.67
450	15.80	15.55	15.30	15.12	15.90	15.80
465	16.02	15.67	15.41	15.20	16.05	15.88
480	16.23	15.80	15.54	15.33	16.14	15.97

Table B.5.1.1.3. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.00, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	4.18	4.18	4.17	4.20	4.17	4.18
10	6.64	6.70	6.58	6.54	6.25	6.50
20	7.12	7.08	7.16	7.21	7.15	7.11
30	7.76	7.81	7.95	7.65	7.59	7.79
40	8.51	8.60	8.33	8.35	8.34	8.79
50	9.05	9.24	8.80	8.77	8.80	9.22
60	9.56	9.65	9.33	9.23	9.27	9.42
70	9.86	10.11	9.69	9.68	9.68	9.84
80	10.10	10.48	10.22	10.06	10.11	10.32
90	10.47	10.79	10.70	10.35	10.49	10.70
100	10.94	11.11	11.25	10.79	10.97	11.08
110	11.42	11.42	11.57	11.22	11.45	11.44
120	11.96	11.70	11.78	11.57	12.00	11.67
130	12.12	11.98	11.99	11.78	12.16	11.79
140	12.33	12.21	12.17	11.98	12.37	12.08
150	12.48	12.48	12.50	12.25	12.52	12.27
160	12.62	12.76	12.80	12.50	12.66	12.51
170	12.81	13.05	13.09	12.74	12.85	12.66
180	12.95	13.33	13.43	12.94	12.99	12.81
190	13.09	13.57	13.74	13.23	13.66	13.15
200	13.24	13.79	13.99	13.42	13.82	13.42
210	13.35	13.95	14.16	13.52	13.93	13.72
220	13.52	14.14	14.38	13.78	14.11	13.89
230	13.66	14.35	14.61	13.94	13.94	14.11
240	13.76	14.74	14.78	14.12	14.36	14.39
255	14.05	15.10	14.98	14.56	14.66	14.60
270	14.33	15.34	15.30	14.72	14.95	14.94
285	14.73	15.60	15.59	14.91	15.37	15.28
300	15.34	15.94	15.81	15.21	15.39	15.46
315	15.55	16.26	16.13	15.35	15.60	15.63
330	15.84	16.54	16.33	15.52	15.89	15.97

345	16.19	16.84	16.59	15.87	16.24	16.22
360	16.38	17.12	16.94	16.11	16.43	16.58
375	16.45	17.46	17.16	16.43	16.50	16.85
390	16.61	17.56	17.50	16.71	16.66	17.14
405	16.82	17.74	17.55	16.84	16.87	17.43
420	17.01	17.94	17.82	17.02	17.06	17.55
435	17.30	18.26	17.95	17.33	17.35	17.73
450	17.44	18.40	18.21	17.52	17.49	18.01
465	17.68	18.53	18.40	17.65	17.73	18.20
480	17.91	18.70	18.66	17.81	17.85	18.39

Table B.5.1.1.4. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.50, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	4.19	4.19	4.21	4.18	4.18	4.19
10	6.36	6.65	6.58	6.39	6.49	6.45
20	7.19	7.03	7.42	7.13	7.36	7.08
30	7.69	7.75	7.85	7.63	7.85	7.81
40	8.60	8.53	8.56	8.52	8.28	8.60
50	9.12	9.17	9.32	9.04	8.77	9.04
60	9.41	9.57	9.65	9.52	9.15	9.36
70	9.72	10.03	9.99	9.99	9.54	9.70
80	9.99	10.40	10.34	10.35	9.97	10.13
90	10.23	10.70	10.46	10.54	10.26	10.56
100	11.39	11.02	10.69	11.12	10.69	11.10
110	11.70	11.33	10.88	11.42	11.12	11.37
120	12.33	11.61	11.12	11.82	11.47	11.64
130	12.42	11.88	11.51	12.12	11.68	11.92

140	12.64	12.11	11.98	12.34	11.88	12.12
150	12.89	12.38	12.14	12.58	12.14	12.32
160	13.08	12.66	12.47	12.77	12.39	12.54
170	13.18	12.95	12.64	12.86	12.46	12.66
180	13.42	13.22	12.82	13.10	12.83	12.90
190	13.61	13.46	13.00	13.28	13.11	13.39
200	13.89	13.68	13.25	13.56	13.31	13.55
210	14.10	13.84	13.51	13.76	13.45	13.67
220	14.42	14.03	13.66	13.99	13.67	14.04
230	14.59	14.24	13.82	14.21	13.82	14.37
240	14.78	14.62	13.94	14.32	14.12	14.90
255	14.81	14.98	14.12	14.57	14.44	15.10
270	15.04	15.22	14.38	14.73	14.60	15.44
285	15.30	15.48	14.70	14.97	14.78	15.64
300	15.71	15.81	14.86	15.33	15.08	16.02
315	15.92	16.13	15.02	15.54	15.22	16.52
330	16.24	16.41	15.39	15.85	15.39	16.77
345	16.60	16.71	15.64	16.20	15.56	16.99
360	16.73	16.98	15.82	16.33	15.97	17.40
375	17.02	17.32	16.04	16.51	16.29	17.65
390	17.24	17.42	16.29	16.83	16.57	18.05
405	17.58	17.60	16.43	17.16	16.70	18.11
420	17.82	17.79	16.76	17.39	16.87	18.43
435	17.96	18.11	17.06	17.53	17.18	18.52
450	18.10	18.25	17.35	17.67	17.38	18.60
465	18.24	18.38	17.52	17.80	17.54	18.67
480	18.33	18.55	17.75	17.96	17.72	18.87

Table B.5.1.1.5. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.50, porosity 15%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	4.18	4.17	4.19	4.19	4.18	4.18
10	6.34	6.58	6.52	6.61	6.64	6.43
20	6.92	7.19	7.17	7.08	6.98	7.78
30	7.60	7.88	7.90	7.71	7.56	8.70
40	9.13	8.89	8.70	8.47	8.15	9.24
50	9.59	9.33	9.14	9.00	8.74	9.84
60	10.12	9.53	9.48	9.51	9.43	10.13
70	10.46	9.96	9.82	9.81	9.78	10.50
80	10.62	10.44	10.25	10.05	10.32	10.86
90	10.89	10.82	10.69	10.42	10.69	11.26
100	11.23	11.21	11.24	10.88	10.91	11.58
110	11.56	11.57	11.51	11.36	11.12	11.73
120	11.71	11.80	11.79	11.90	11.58	11.94
130	11.89	11.92	11.99	12.06	11.68	12.26
140	12.08	12.22	12.19	12.27	11.96	12.55
150	12.23	12.55	12.39	12.34	12.16	12.71
160	12.51	12.65	12.61	12.56	12.36	12.91
170	12.73	12.80	12.73	12.74	12.51	13.01
180	12.82	12.95	12.97	12.88	12.66	13.24
190	12.99	13.30	13.47	13.02	12.83	13.49
200	13.25	13.57	13.63	13.21	13.04	13.72
210	12.36	13.87	13.75	13.32	13.32	13.93
220	13.66	14.04	14.12	13.49	13.55	14.28
230	13.83	14.27	14.45	13.63	13.79	14.52
240	14.01	14.55	14.99	13.73	14.01	14.78
255	14.36	14.77	15.19	14.02	14.23	15.00
270	14.59	15.11	15.53	14.30	14.55	15.24
285	14.78	15.46	15.73	14.70	14.71	15.50
300	14.96	15.64	16.12	15.31	14.98	15.91
315	15.33	15.81	16.62	15.52	15.36	16.10
330	15.51	16.15	16.87	15.81	15.69	16.45

345	15.72	16.41	17.09	16.16	15.83	16.71
360	15.96	16.77	17.50	16.35	16.08	16.95
375	16.12	17.04	17.75	16.42	16.34	17.24
390	16.33	17.34	18.16	16.58	16.71	17.53
405	16.49	17.63	18.22	16.78	16.90	17.81
420	16.72	17.75	18.54	16.97	17.12	18.05
435	16.96	17.93	18.63	17.26	17.36	18.19
450	17.21	18.21	18.71	17.35	17.52	18.33
465	17.43	18.41	18.79	17.59	17.76	18.57
480	17.65	18.52	18.94	17.72	17.99	18.73

Table B.5.1.1.6. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 0.50, porosity 17.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	5.95	5.96	5.94	5.95	5.94	5.96
10	8.68	8.81	8.72	8.62	8.55	8.62
20	9.73	9.76	9.60	9.61	9.48	9.72
30	10.22	10.54	10.23	10.48	10.32	10.44
40	10.89	11.07	10.74	11.06	10.75	11.11
50	11.38	11.32	11.46	11.72	11.34	11.73
60	11.73	11.76	11.86	11.88	11.55	11.80
70	12.35	12.33	12.28	12.27	12.11	12.46
80	12.53	12.89	12.82	12.70	12.68	12.73
90	13.04	13.23	13.01	12.93	12.86	12.94
100	13.33	13.41	13.26	13.28	13.12	13.16
110	13.35	13.61	13.77	13.38	13.52	13.28
120	13.86	13.95	13.84	13.69	13.63	13.83
130	14.09	13.37	14.21	13.99	13.80	14.06

140	14.36	14.67	14.34	14.29	14.10	14.34
150	14.75	14.99	14.56	14.46	14.43	14.58
160	14.93	15.15	14.96	14.73	14.57	14.84
170	15.19	15.43	15.29	15.02	14.93	15.01
180	15.47	15.69	15.50	15.46	15.38	15.48
190	15.68	15.97	15.71	15.59	15.56	15.82
200	15.96	16.28	15.83	15.85	15.90	15.96
210	16.19	16.53	16.14	16.06	16.05	16.24
220	16.37	16.75	16.30	16.42	16.13	16.38
230	16.57	16.84	16.41	16.53	16.48	16.63
240	16.72	17.09	16.66	16.60	16.63	16.92
255	17.17	17.53	16.98	17.03	17.06	17.48
270	17.59	18.01	17.35	17.20	17.38	17.73
285	17.82	18.29	17.64	17.33	17.76	18.12
300	17.99	18.43	18.01	17.58	18.18	18.26
315	18.36	18.75	18.28	17.81	18.34	18.52
330	18.49	19.08	18.39	18.12	18.48	18.74
345	18.67	19.21	18.63	18.30	18.62	19.03
360	18.89	19.42	18.88	18.43	18.70	19.36
375	19.12	19.66	19.23	18.76	19.09	19.47
390	19.46	19.88	19.47	18.88	19.32	19.71
405	19.74	20.21	19.64	19.05	19.47	19.83
420	19.86	20.35	19.82	19.33	19.59	19.96
435	20.20	20.54	20.05	19.49	19.75	20.34
450	20.45	20.77	20.27	19.64	19.94	20.48
465	20.64	20.01	20.39	19.78	20.09	20.60
480	20.72	20.31	20.54	19.99	20.16	20.75

Table B.5.1.1.7. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.00, porosity 12.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	5.95	5.95	5.96	5.95	5.96	5.95
10	8.49	8.59	8.62	8.77	8.63	8.84
20	9.72	9.59	9.49	9.49	9.44	9.84
30	10.47	10.44	10.28	10.45	10.23	10.54
40	10.99	10.68	10.71	10.63	10.78	11.14
50	11.31	11.37	11.28	11.25	11.16	11.63
60	11.90	11.62	11.55	11.41	11.39	11.82
70	12.48	12.35	11.98	11.88	12.28	12.63
80	12.94	12.63	12.38	12.25	12.46	12.97
90	13.13	13.06	12.54	12.60	12.72	13.18
100	13.39	13.24	12.93	12.89	12.94	13.38
110	13.64	13.29	13.35	12.99	13.36	13.74
120	14.01	13.82	13.46	13.33	13.48	14.09
130	14.28	14.06	13.92	13.68	13.86	14.43
140	14.61	14.28	14.33	13.96	14.33	14.56
150	15.09	14.45	14.66	14.16	14.72	14.80
160	15.17	14.71	14.97	14.42	14.92	14.98
170	15.39	15.04	15.14	14.79	15.09	15.37
180	15.71	15.32	15.59	15.14	15.42	15.54
190	15.96	15.48	15.74	15.32	15.76	15.86
200	16.32	15.72	15.87	15.58	15.93	15.93
210	16.55	15.86	16.13	15.83	16.10	16.25
220	16.72	16.14	16.30	16.16	16.36	16.39
230	16.86	16.28	16.42	16.26	16.55	16.54
240	16.94	16.59	16.74	16.48	16.89	16.68
255	17.50	16.82	16.96	16.88	17.15	17.15
270	17.63	17.24	17.29	17.11	17.36	17.53
285	17.84	17.57	17.66	17.25	17.49	17.88
300	18.15	17.84	17.82	17.66	17.85	18.02
315	18.53	18.12	18.19	18.05	18.18	18.27
330	18.77	18.20	18.60	18.19	18.32	18.54

345	19.03	18.35	18.84	18.38	18.39	18.89
360	19.28	18.69	19.02	18.66	18.61	18.97
375	19.44	18.93	19.25	18.74	18.82	19.09
390	19.81	19.35	19.43	18.87	18.94	19.44
405	20.10	19.63	19.64	19.06	19.20	19.78
420	20.24	19.81	19.77	19.25	19.27	19.94
435	20.37	20.02	20.14	19.44	19.47	20.12
450	20.58	20.11	20.30	19.51	19.59	20.26
465	20.71	20.19	20.55	19.63	19.75	20.37
480	20.94	20.32	20.81	20.03	20.08	20.64

Table B.5.1.1.8. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.00, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	5.96	5.95	5.95	5.94	5.96	5.97
10	8.71	8.84	8.55	8.58	8.83	8.61
20	9.64	9.83	9.35	9.57	9.56	9.49
30	10.48	10.69	10.14	10.44	10.52	10.12
40	10.91	10.93	10.69	11.02	10.70	10.63
50	11.50	11.63	11.07	11.67	11.33	11.34
60	11.71	11.88	11.30	11.83	11.49	11.74
70	12.27	12.61	12.18	12.22	11.96	12.16
80	12.84	12.89	12.36	12.65	12.34	12.69
90	13.10	13.33	12.62	12.88	12.69	12.88
100	13.36	13.51	12.84	13.23	12.98	13.13
110	13.76	13.56	13.26	13.33	13.08	13.64
120	13.93	14.09	13.38	13.64	13.42	13.71
130	14.10	14.33	13.76	13.93	13.78	14.07

140	14.40	14.55	14.23	14.23	14.06	14.20
150	14.73	14.72	14.62	14.40	14.26	14.42
160	14.87	14.98	14.82	14.67	14.52	14.82
170	15.23	15.32	14.98	14.96	14.89	15.15
180	15.69	15.60	15.31	15.40	15.25	15.36
190	15.87	15.76	15.65	15.53	15.43	15.57
200	16.21	16.00	15.82	15.79	15.69	15.69
210	16.36	16.14	15.99	16.00	15.94	15.99
220	16.44	16.42	16.25	16.35	16.27	16.15
230	16.80	16.56	16.44	16.51	16.37	16.26
240	16.95	16.87	16.78	16.67	16.60	16.51
255	17.38	17.11	17.04	16.96	17.00	16.83
270	17.70	17.53	17.25	17.14	17.23	17.20
285	18.08	17.86	17.46	17.29	17.37	17.48
300	18.51	18.13	17.70	17.51	17.78	17.85
315	18.67	18.41	18.07	17.74	18.18	18.12
330	18.81	18.59	18.32	18.05	18.32	18.23
345	19.03	18.74	18.45	18.31	18.51	18.47
360	19.25	18.98	18.59	18.35	18.79	18.72
375	19.49	19.23	18.73	18.69	18.94	19.06
390	19.66	19.65	18.88	18.81	19.08	19.30
405	19.84	19.93	19.12	18.97	19.24	19.47
420	20.11	20.11	19.26	19.25	19.39	19.65
435	20.39	20.34	19.44	19.41	19.58	19.88
450	20.50	20.40	19.62	19.56	19.71	20.10
465	20.61	20.60	19.85	19.78	19.82	20.22
480	20.70	20.74	20.01	19.96	19.99	20.34

Table B.5.1.1.9. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.00, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	7.87	7.86	7.88	7.89	7.86	7.87
10	10.63	10.71	10.65	10.70	10.76	10.52
20	11.61	11.64	11.55	12.05	12.09	11.65
30	12.18	12.40	12.28	12.80	12.59	12.38
40	13.07	12.95	12.77	13.47	13.22	13.05
50	13.44	13.57	12.39	13.94	13.72	13.39
60	13.87	14.15	13.93	14.60	13.99	13.73
70	14.24	14.49	14.17	14.98	14.48	14.17
80	14.62	14.82	14.59	15.27	14.19	14.56
90	15.11	15.25	15.07	15.82	15.24	14.88
100	15.37	15.59	15.33	15.94	15.56	15.34
110	15.75	15.83	15.70	16.37	15.93	15.62
120	16.12	16.31	15.98	16.58	16.35	15.90
130	16.57	16.71	16.25	16.92	16.56	16.32
140	16.91	17.13	16.69	17.16	16.72	16.47
150	17.15	17.39	17.04	17.63	17.11	16.67
160	17.42	17.64	17.45	17.79	17.48	17.05
170	17.69	17.97	17.61	18.20	17.83	17.40
180	17.85	18.09	17.82	18.55	18.23	17.73
190	18.26	18.43	18.05	18.89	18.44	18.00
200	18.43	18.66	18.25	19.03	18.76	18.24
210	18.76	18.93	18.42	19.28	19.04	18.50
220	19.04	19.17	18.74	19.45	19.35	18.71
230	19.31	19.46	19.18	19.83	19.48	18.96
240	19.64	19.63	19.48	20.10	19.76	19.20
255	20.12	20.06	19.89	20.49	20.22	19.72
270	20.47	20.34	20.21	20.94	20.55	20.20
285	20.83	20.62	20.60	21.35	20.92	20.43
300	21.06	20.99	20.85	21.55	21.03	20.81
315	21.32	21.38	21.07	21.91	21.35	21.08
330	21.59	21.66	21.45	22.16	21.57	21.28

345	21.87	21.99	21.75	22.36	21.78	21.57
360	22.18	22.19	21.89	22.73	22.15	21.91
375	22.32	22.57	22.18	22.96	22.44	22.19
390	22.53	22.79	22.38	23.25	22.80	22.47
405	22.65	22.98	22.82	23.57	23.05	22.59
420	22.98	23.29	22.83	23.71	23.28	22.91
435	23.31	23.34	23.17	23.79	23.62	23.13
450	23.46	23.69	23.41	24.11	23.77	23.49
465	23.58	24.10	23.60	24.32	23.84	23.58
480	23.82	24.21	23.77	24.44	23.93	23.86

Table B.5.1.1.10. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.43, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	7.89	7.86	7.89	7.88	7.87	7.86
10	10.94	10.76	10.58	10.66	10.90	10.63
20	11.73	11.95	11.88	11.66	11.82	11.83
30	12.62	12.53	12.31	12.49	12.62	12.51
40	13.20	12.90	13.07	13.12	12.97	13.19
50	13.69	13.45	13.52	13.47	13.58	13.76
60	14.13	13.92	14.09	14.05	14.31	14.28
70	14.47	14.44	14.53	14.68	14.77	14.65
80	14.89	14.80	15.16	14.82	15.02	14.96
90	15.29	15.24	15.53	15.16	15.45	15.21
100	15.67	15.52	15.76	15.48	15.78	15.37
110	15.93	16.00	16.08	15.96	16.11	15.58
120	16.31	16.38	16.49	16.19	16.38	16.93
130	16.59	16.64	16.67	16.35	16.70	16.43

140	17.01	16.96	17.12	16.66	17.05	16.70
150	17.26	17.15	17.44	17.12	17.33	17.23
160	17.61	17.54	17.73	17.54	17.67	17.48
170	17.87	17.96	18.09	17.59	17.77	17.64
180	18.12	18.19	18.47	17.96	18.13	17.98
190	18.40	18.51	18.64	18.18	18.29	18.19
200	18.73	18.74	18.80	18.42	18.40	18.55
210	18.94	19.11	19.15	18.78	18.80	18.93
220	19.20	19.24	19.39	19.02	19.16	19.32
230	19.56	19.51	19.63	19.28	19.61	19.55
240	19.70	19.73	19.87	19.45	19.80	19.72
255	20.32	20.21	20.29	19.89	20.32	20.04
270	20.57	20.46	20.54	20.27	20.68	20.47
285	20.98	20.73	20.79	20.54	21.05	20.81
300	21.29	21.09	21.12	20.78	21.30	21.11
315	21.48	21.47	21.56	21.14	21.69	21.33
330	21.79	21.88	21.98	21.47	22.02	21.71
345	21.96	22.14	22.20	21.88	22.26	22.04
360	22.34	22.42	22.53	22.05	22.40	22.32
375	22.61	22.73	22.80	22.25	22.67	22.50
390	22.84	22.95	23.16	22.58	22.78	22.73
405	23.08	23.21	23.27	22.82	23.01	22.93
420	23.29	23.38	23.55	23.03	23.26	23.04
435	23.44	23.51	23.69	23.14	23.52	23.24
450	23.64	23.89	23.97	23.36	23.63	23.39
465	23.80	23.97	24.20	23.58	23.66	23.46
480	24.15	24.07	24.33	23.72	23.85	23.59

Table B.5.1.1.11. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.43, porosity 15%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	7.89	7.88	7.85	7.89	7.86	7.85
10	10.91	10.84	10.63	10.65	10.74	10.84
20	11.54	11.62	11.97	11.76	11.75	11.76
30	12.34	12.48	12.71	12.44	12.58	12.55
40	12.95	13.05	13.38	13.12	13.22	12.90
50	13.44	13.66	13.84	13.68	13.57	13.51
60	14.09	14.40	14.50	14.20	13.84	14.23
70	14.51	14.86	14.88	14.57	14.50	14.69
80	14.79	15.11	15.16	14.88	14.93	14.94
90	15.26	15.54	15.71	15.13	15.28	15.37
100	15.58	15.87	15.83	15.29	15.60	15.69
110	15.76	16.21	16.26	15.49	15.87	16.02
120	16.20	16.48	16.46	16.84	16.31	16.29
130	16.64	16.80	16.80	16.34	16.54	16.61
140	17.03	17.15	17.04	16.61	16.79	16.96
150	17.39	17.43	17.51	17.14	17.16	17.23
160	17.61	17.78	17.67	17.38	17.67	17.57
170	17.92	17.88	18.07	17.54	17.72	17.69
180	18.11	18.24	18.42	17.88	18.10	18.05
190	18.37	18.40	18.76	18.09	18.32	18.21
200	18.55	18.51	18.90	18.45	18.56	18.32
210	18.87	18.91	19.15	18.83	18.92	18.72
220	19.11	19.28	19.31	19.21	19.16	19.07
230	19.37	19.73	19.69	19.44	19.43	19.52
240	19.61	19.92	19.96	19.61	19.60	19.71
255	20.00	20.44	20.35	19.93	19.91	20.23
270	20.28	20.80	20.79	20.36	20.42	20.59
285	20.56	21.18	21.20	20.70	20.64	20.90
300	20.93	21.43	21.40	20.99	20.94	21.15
315	21.32	21.82	21.76	21.21	21.30	21.54
330	21.60	22.15	22.00	21.59	21.63	21.87

345	21.92	22.39	22.20	21.92	22.05	22.10
360	22.10	22.53	22.57	22.20	22.22	22.24
375	22.42	22.81	22.80	22.38	22.48	22.51
390	22.72	22.92	23.09	22.61	22.75	22.61
405	23.04	23.15	23.46	22.80	23.07	22.72
420	23.28	23.31	23.54	23.05	23.21	23.03
435	23.37	23.64	23.62	23.11	23.41	23.28
450	23.62	23.77	24.05	23.18	23.52	23.42
465	24.03	23.83	24.15	23.41	23.74	23.50
480	24.33	24.00	24.29	23.51	23.86	23.59

Table B.5.1.1.12. Consecutive hydration heights of round blank Xanthan Gum tablets, R/D 1.43, porosity 17.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.57	2.55	2.54	2.56	2.55	2.55
10	5.70	5.73	5.38	5.40	5.31	5.51
20	6.30	6.08	5.71	5.61	5.51	5.70
30	6.46	6.26	5.76	5.79	5.74	5.89
40	6.55	6.39	5.88	5.89	5.88	5.98
50	6.58	6.50	6.00	6.07	5.99	6.15
60	6.63	6.55	6.07	6.19	6.17	6.25
70	6.74	6.61	6.11	6.38	6.37	6.39
80	6.88	6.69	6.19	6.48	6.61	6.55
90	7.00	6.82	6.31	6.57	6.70	6.65
100	7.14	7.03	6.46	6.77	6.89	6.82
110	7.27	7.22	6.65	6.82	7.00	6.95
120	7.38	7.28	6.76	6.88	7.04	7.04
130	7.52	7.33	6.82	6.96	7.15	7.11

140	7.65	7.48	6.96	7.14	7.32	7.24
150	7.73	7.61	7.05	7.26	7.47	7.32
160	7.88	7.79	7.18	7.34	7.56	7.36
170	7.94	7.90	7.31	7.44	7.60	7.47
180	8.03	7.97	7.42	7.49	7.79	7.52
190	8.17	8.09	7.49	7.57	7.89	7.63
200	8.29	8.23	7.46	7.71	7.95	7.74
210	8.37	8.30	7.69	7.87	8.10	7.79
220	8.51	8.42	7.83	7.94	8.19	7.89
230	8.64	8.51	7.90	8.01	8.28	8.00
240	8.69	8.61	8.03	8.18	8.43	8.11
255	8.83	8.90	8.20	8.35	8.56	8.25
270	9.01	9.02	8.33	8.48	8.68	8.40
285	9.15	9.17	8.49	8.62	8.73	8.51
300	9.26	9.25	8.60	8.74	8.86	8.63
315	9.33	9.29	8.72	8.82	9.04	8.75
330	9.41	9.47	8.79	8.95	9.17	8.85
345	9.50	9.54	8.88	9.09	9.31	8.96
360	9.63	9.66	8.94	9.11	9.40	9.07
375	9.79	9.69	9.03	9.16	9.51	9.18
390	9.86	9.89	9.12	9.29	9.61	9.30
405	9.94	10.02	9.20	9.44	9.78	9.33
420	10.08	10.13	9.29	9.60	9.87	9.39
435	10.15	10.25	9.44	9.66	10.02	9.44
450	10.23	10.37	9.57	9.73	10.15	9.52
465	10.32	10.43	9.62	9.80	10.23	9.58
480	10.41	10.51	9.73	9.94	10.37	9.63

Table B.5.1.1.13. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.56	2.56	2.56	2.56	2.55	2.57
10	5.62	5.54	5.38	5.53	5.45	5.38
20	5.83	6.11	5.61	5.82	5.57	5.57
30	6.09	6.38	5.99	5.92	5.95	5.70
40	6.22	6.51	6.21	6.08	6.07	5.85
50	6.36	6.60	6.44	6.23	6.12	5.97
60	6.57	6.72	6.53	6.33	6.15	6.01
70	6.70	6.84	6.58	6.48	6.22	6.04
80	6.92	6.91	6.67	6.59	6.37	6.12
90	7.02	7.11	6.81	6.65	6.50	6.36
100	7.18	7.23	6.97	6.83	6.63	6.48
110	7.27	7.34	7.05	6.89	6.67	6.62
120	7.41	7.42	7.18	6.95	6.76	6.73
130	7.50	7.53	7.29	7.03	6.84	6.81
140	7.59	7.64	7.40	7.17	6.95	6.93
150	7.74	7.76	7.48	7.34	7.07	7.09
160	7.92	7.84	7.59	7.42	7.18	7.21
170	8.03	7.94	7.67	7.50	7.27	7.31
180	8.12	8.05	7.76	7.66	7.35	7.43
190	8.24	8.16	7.83	7.74	7.42	7.53
200	8.41	8.39	7.99	7.89	7.47	7.59
210	8.52	8.46	8.11	8.01	7.52	7.69
220	8.58	8.54	8.23	8.09	7.65	7.83
230	8.64	8.61	8.35	8.20	7.80	7.94
240	8.76	8.72	8.48	8.29	7.90	8.09
255	8.92	8.95	8.64	8.50	8.06	8.19
270	9.09	8.99	8.79	8.62	8.19	8.34
285	9.18	9.05	8.84	8.76	8.32	8.52
300	9.30	9.15	8.93	8.84	8.45	8.66
315	9.40	9.27	9.05	8.96	8.53	8.78

330	9.50	9.30	9.14	9.07	8.64	8.90
345	9.59	9.34	9.26	9.12	8.74	8.98
360	9.68	9.42	9.34	9.19	8.82	9.05
375	9.75	9.55	9.46	9.28	8.89	9.10
390	9.91	9.63	9.54	9.40	8.99	9.21
405	10.10	9.78	9.63	9.52	9.10	9.34
420	10.19	9.83	9.78	9.62	9.22	9.41
435	10.26	9.94	9.84	9.74	9.29	9.52
450	10.34	10.06	9.96	9.80	9.33	9.59
465	10.40	10.12	10.02	9.94	9.46	9.63
480	10.43	10.26	10.08	10.02	9.62	9.71

Table B.5.1.1.14. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.56	2.57	2.56	2.55	2.56	2.55
10	5.22	5.54	5.32	5.34	5.47	5.38
20	5.44	6.21	5.55	5.55	5.76	5.68
30	5.81	6.58	5.93	5.73	5.86	5.82
40	6.03	6.73	6.15	5.83	6.02	5.97
50	6.25	6.82	6.38	6.01	6.17	6.09
60	6.33	6.95	6.46	6.13	6.27	6.13
70	6.38	7.06	6.51	6.28	6.42	6.16
80	6.47	7.14	6.60	6.38	6.52	6.24
90	6.61	7.33	6.74	6.47	6.58	6.49
100	6.76	7.46	6.90	6.67	6.76	6.61
110	6.94	7.58	6.98	6.72	6.82	6.75
120	7.07	7.66	7.11	6.78	6.88	6.87

130	7.18	7.77	7.22	6.86	6.96	6.95
140	7.28	7.88	7.32	7.03	7.10	7.07
150	7.35	8.00	7.40	7.15	7.27	7.23
160	7.46	8.08	7.51	7.23	7.35	7.35
170	7.54	8.18	7.60	7.33	7.42	7.45
180	7.62	8.30	7.68	7.38	7.58	7.58
190	7.70	8.41	7.78	7.45	7.72	7.68
200	7.85	8.64	7.94	7.55	7.86	7.74
210	7.97	8.71	8.06	7.71	7.98	7.85
220	8.08	8.79	8.17	7.78	8.06	7.98
230	8.20	8.87	8.29	7.85	8.16	8.10
240	8.33	8.98	8.42	8.02	8.25	8.25
255	8.48	9.21	8.58	8.19	8.46	8.36
270	8.62	9.25	8.73	8.31	8.58	8.51
285	8.68	9.31	8.78	8.45	8.72	8.69
300	8.76	9.41	8.87	8.56	8.81	8.83
315	8.88	9.53	8.98	8.65	8.92	8.96
330	8.97	9.64	9.08	8.77	9.03	9.08
345	9.08	9.68	9.19	8.91	9.08	9.16
360	9.16	9.76	9.28	8.93	9.15	9.24
375	9.23	9.89	9.39	8.98	9.24	9.28
390	9.31	9.97	9.47	9.11	9.36	9.39
405	9.39	10.12	9.57	9.25	9.47	9.53
420	9.48	10.17	9.69	9.41	9.57	9.67
435	9.56	10.28	9.74	9.47	9.69	9.75
450	9.67	10.35	9.86	9.53	9.75	9.84
465	9.74	10.43	9.92	9.61	9.89	9.97
480	9.86	10.56	10.11	9.65	10.01	10.13

Table B.5.1.1.15. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	4.14	4.13	4.13	4.14	4.14	4.12
10	6.57	6.50	6.67	6.43	6.65	6.25
20	7.33	7.08	7.22	7.05	7.22	7.12
30	7.67	7.31	7.69	7.51	7.68	7.34
40	7.94	7.80	8.03	7.69	8.23	7.77
50	8.20	8.25	8.34	8.13	8.55	8.05
60	8.33	8.46	8.70	8.41	8.74	8.26
70	8.57	8.55	8.84	8.65	9.06	8.45
80	8.60	8.70	8.96	8.91	9.13	8.56
90	8.74	8.73	9.01	9.10	9.24	8.67
100	8.85	8.76	9.26	9.27	9.35	8.70
110	8.93	8.89	9.31	9.35	9.41	8.76
120	9.00	9.03	9.32	9.46	9.55	8.81
130	9.24	9.24	9.35	9.58	9.66	8.94
140	9.36	9.32	9.56	9.74	9.80	9.03
150	9.54	9.43	9.82	9.93	9.92	9.16
160	9.65	9.64	10.08	10.04	10.21	9.34
170	9.75	9.72	10.12	10.16	10.38	9.49
180	9.85	9.78	10.31	10.30	10.57	9.55
190	9.99	10.01	10.57	10.45	10.74	9.77
200	10.10	10.36	10.75	10.52	11.02	10.11
210	10.19	10.53	10.82	10.71	11.09	10.28
220	10.25	10.71	10.89	10.85	11.21	10.45
230	10.38	10.86	11.03	11.00	11.31	10.60
240	10.56	11.03	11.22	11.04	11.46	10.77
255	10.72	11.22	11.29	11.13	11.57	10.95
270	10.84	11.35	11.35	11.29	11.63	11.08
285	10.99	11.42	11.56	11.38	11.85	11.15
300	11.11	11.57	11.78	11.45	12.08	11.29
315	11.46	11.72	11.81	11.74	12.18	11.44

330	11.54	11.86	12.00	11.95	12.30	11.58
345	11.69	11.99	12.03	12.16	12.49	11.70
360	11.84	12.13	12.14	12.24	12.33	11.84
375	12.05	12.24	12.18	12.34	12.47	11.95
390	12.20	12.42	12.29	12.43	12.60	12.12
405	12.33	12.45	12.33	12.60	12.64	12.15
420	12.46	12.59	12.48	12.73	12.85	12.29
435	12.62	12.66	12.67	12.81	12.99	12.36
450	12.74	12.72	12.77	12.93	13.09	12.42
465	12.90	12.85	12.82	13.10	13.14	12.54
480	13.07	13.02	12.98	13.27	13.25	12.62

Table B.5.1.1.16. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	4.14	4.16	4.14	4.14	4.13	4.13
10	6.56	6.45	6.46	6.63	6.47	6.53
20	7.29	7.45	7.12	7.33	7.48	9.36
30	7.54	7.67	7.55	7.69	7.92	7.84
40	8.04	7.88	8.11	7.99	8.12	8.19
50	8.53	8.42	8.23	8.20	9.53	8.51
60	8.75	8.64	8.30	8.33	8.73	8.87
70	8.84	8.92	8.36	8.57	8.84	9.02
80	9.03	9.13	8.51	8.60	8.96	9.14
90	9.14	9.43	8.74	8.74	8.99	9.19
100	9.21	9.54	8.88	8.85	9.05	9.45
110	9.26	9.60	9.12	8.93	9.11	9.56
120	9.34	9.68	9.35	9.00	9.24	9.65

130	9.44	9.84	9.42	9.02	9.36	9.72
140	9.63	9.92	9.55	9.24	9.50	9.85
150	9.75	9.99	9.64	9.33	9.68	9.98
160	9.85	10.11	9.73	9.51	9.84	10.28
170	10.05	10.19	9.85	9.59	9.90	10.33
180	10.21	10.26	9.97	9.72	10.13	10.56
190	10.35	10.42	10.06	9.79	10.49	10.78
200	10.57	10.63	10.23	9.85	10.66	10.97
210	10.86	10.77	10.33	10.06	10.84	11.11
220	11.07	10.86	10.38	10.31	10.99	11.25
230	11.23	11.11	10.54	10.44	11.16	11.36
240	11.41	11.32	10.70	10.51	11.36	11.44
255	11.60	11.47	10.99	10.59	11.49	11.52
270	11.74	11.61	11.12	10.77	11.56	11.58
285	11.81	11.79	11.24	10.83	11.71	11.79
300	11.96	11.86	11.36	11.11	11.86	11.82
315	12.05	12.02	11.54	11.36	12.00	11.97
330	12.26	12.16	11.62	11.52	12.14	12.05
345	12.40	12.36	11.70	11.72	12.28	12.17
360	12.54	12.56	11.86	11.95	12.39	12.26
375	12.66	12.64	12.04	12.12	12.57	12.38
390	12.72	12.71	12.18	12.30	12.66	12.54
405	12.86	12.84	12.24	12.39	12.80	12.69
420	13.02	12.96	12.32	12.46	12.88	12.73
435	13.09	13.12	12.46	12.61	12.94	12.92
450	13.15	13.28	12.54	12.76	13.07	13.03
465	13.29	13.35	12.62	12.87	13.15	13.14
480	13.34	13.46	12.74	13.05	13.25	13.22

Table B.5.1.1.17. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	4.13	4.15	4.15	4.14	4.16	4.14
10	6.63	6.53	6.66	6.45	6.31	6.27
20	6.99	7.16	7.35	6.86	7.00	6.76
30	7.43	7.63	7.78	7.23	7.62	7.41
40	7.86	7.81	8.05	7.77	8.07	7.71
50	8.02	8.26	8.32	8.19	8.34	7.99
60	8.37	8.53	8.45	8.40	8.69	8.21
70	8.45	8.78	8.71	8.51	8.84	8.39
80	8.67	9.04	8.74	8.64	8.95	8.55
90	8.86	9.24	8.88	8.67	9.01	8.79
100	8.94	9.41	9.00	8.70	9.26	8.96
110	9.21	9.49	9.08	8.82	9.37	9.12
120	9.26	9.60	9.15	8.97	9.45	9.34
130	9.40	9.72	9.17	9.15	9.53	9.66
140	9.51	9.89	9.39	9.22	9.65	9.78
150	9.78	10.07	9.48	9.35	9.78	9.92
160	9.86	10.19	9.66	9.54	10.08	10.04
170	9.97	10.31	9.75	9.63	10.12	10.22
180	10.11	10.45	9.88	9.68	10.35	10.29
190	10.35	10.60	9.95	9.84	10.57	10.45
200	10.56	10.68	10.01	10.17	10.75	10.54
210	10.77	10.87	10.22	10.39	10.89	10.67
220	10.86	11.01	10.47	10.57	11.03	10.79
230	10.98	11.17	10.61	10.72	11.13	10.92
240	11.12	11.23	10.68	10.89	11.22	11.08
255	11.21	11.32	10.76	11.08	11.29	11.16
270	11.36	11.48	10.94	11.20	11.35	11.34
285	11.51	11.57	11.00	11.27	11.56	11.42
300	11.67	11.64	11.28	11.42	11.58	11.49
315	11.73	11.94	11.54	11.57	11.73	11.63

330	11.94	12.15	11.70	11.71	11.81	11.72
345	12.13	12.37	11.90	11.84	11.93	11.85
360	12.34	12.45	12.14	11.97	12.01	12.05
375	12.46	12.55	12.31	12.08	12.14	12.21
390	12.66	12.64	12.49	12.26	12.29	12.43
405	12.81	12.81	12.58	12.29	12.44	12.51
420	12.97	12.94	12.65	12.43	12.48	12.76
435	13.10	13.02	12.80	12.50	12.66	12.87
450	13.27	13.15	12.96	12.56	12.76	12.99
465	13.57	13.30	13.12	12.69	12.88	13.10
480	13.68	13.47	13.25	12.85	12.99	13.21

Table B.5.1.1.18. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	5.94	5.93	5.91	5.92	5.90	5.92
10	8.65	8.61	8.52	8.32	8.54	8.21
20	9.02	9.26	8.80	8.58	8.85	8.59
30	9.33	9.32	9.35	9.01	9.06	8.68
40	9.56	9.41	9.65	9.23	9.28	9.06
50	9.65	9.59	9.70	9.26	9.31	9.15
60	9.88	9.73	9.85	9.44	9.43	9.34
70	9.95	10.05	10.01	9.62	9.61	9.71
80	10.04	10.13	10.36	9.73	9.74	9.78
90	10.26	10.27	10.41	10.01	9.89	9.87
100	10.51	10.36	10.53	10.19	10.01	10.10
110	10.76	10.63	10.71	10.36	10.29	10.24
120	10.83	10.86	10.80	10.49	10.41	10.40

130	10.93	10.90	10.96	10.65	10.65	10.52
140	10.99	10.98	11.07	10.87	10.73	10.63
150	11.07	11.11	11.26	11.04	10.89	10.75
160	11.29	11.24	11.40	11.26	11.03	11.06
170	11.48	11.45	11.58	11.33	11.15	11.18
180	11.53	11.51	11.65	11.54	11.28	11.31
190	11.70	11.75	11.74	11.59	11.53	11.45
200	11.92	11.86	11.87	11.67	11.68	11.72
210	12.08	11.92	11.95	11.73	11.75	11.79
220	12.19	12.09	12.03	11.88	11.81	11.83
230	12.31	12.16	12.10	11.97	11.90	11.91
240	12.48	12.24	12.31	12.04	12.07	12.07
255	12.63	12.40	12.51	12.15	12.21	12.11
270	12.77	12.53	12.68	12.24	12.35	12.19
285	12.89	12.67	12.77	12.33	12.46	12.38
300	13.01	12.84	12.84	12.45	12.62	12.54
315	13.15	12.98	12.94	12.61	12.79	12.77
330	13.21	13.20	13.01	12.84	13.01	12.85
345	13.31	13.50	13.16	13.02	13.16	12.96
360	13.43	13.69	13.25	13.16	13.32	13.05
375	13.55	13.89	13.33	13.25	13.46	13.17
390	13.61	13.95	13.48	13.36	13.61	13.37
405	13.74	14.06	13.59	13.42	13.68	13.47
420	13.82	14.23	13.71	13.61	13.81	13.59
435	13.96	14.34	13.80	13.77	13.90	13.74
450	14.09	14.49	13.92	13.91	14.08	13.89
465	14.17	14.55	13.99	14.01	14.12	14.00
480	14.24	14.66	14.06	14.09	14.25	14.05

Table B.5.1.1.19. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	5.92	5.91	5.93	5.92	5.90	5.93
10	8.44	8.58	8.65	8.73	8.68	8.55
20	8.85	8.84	9.35	9.09	9.26	8.77
30	9.23	9.02	9.39	9.40	9.51	9.20
40	9.50	9.13	9.53	9.53	9.62	9.32
50	9.65	9.28	9.69	9.58	9.75	9.43
60	9.87	9.41	9.78	9.73	9.93	9.62
70	10.09	9.56	9.91	9.94	10.17	9.78
80	10.24	9.70	10.31	10.14	10.36	9.89
90	10.37	9.92	10.39	10.29	10.43	10.01
100	10.58	10.10	10.42	10.33	10.71	10.19
110	10.64	10.14	10.71	10.51	10.78	10.32
120	10.72	10.25	10.88	10.58	10.99	10.48
130	10.84	10.40	10.92	10.73	11.05	10.56
140	11.07	10.56	11.12	11.01	11.15	10.81
150	11.33	10.67	11.28	11.22	11.35	10.94
160	11.51	10.88	11.37	11.43	11.48	11.12
170	11.60	10.99	11.42	11.51	11.66	11.26
180	11.68	11.15	11.62	11.58	11.72	11.44
190	11.76	11.22	11.81	11.63	11.88	11.63
200	12.04	11.29	11.93	11.80	11.96	11.69
210	12.12	11.45	12.01	12.04	12.26	11.77
220	12.24	11.55	12.11	12.20	12.38	11.89
230	12.36	11.62	12.19	12.35	12.44	12.02
240	12.42	11.79	12.28	12.41	12.56	12.13
255	12.59	12.11	12.43	12.53	12.67	12.24
270	12.69	12.17	12.50	12.63	12.75	12.37
285	12.80	12.25	12.68	12.71	12.91	12.49
300	12.98	12.36	12.79	12.85	13.07	12.53
315	13.09	12.41	12.84	12.98	13.16	12.64

330	13.34	12.52	13.05	13.12	13.27	12.76
345	13.54	12.65	13.12	13.20	13.38	12.83
360	13.63	12.74	13.29	13.29	13.41	12.96
375	13.78	12.86	13.41	13.35	13.61	13.10
390	13.86	12.97	13.54	13.46	13.74	13.22
405	14.01	13.12	13.63	13.61	13.82	13.37
420	14.09	13.24	13.77	13.72	13.97	13.44
435	14.26	13.38	13.85	13.77	14.04	13.59
450	14.36	13.49	13.92	13.89	14.12	13.66
465	14.43	13.56	14.06	13.96	14.20	13.75
480	14.51	13.65	14.12	14.09	14.25	13.89

Table B.5.1.1.20. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 15%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	5.92	5.92	5.92	5.93	5.92	5.93
10	8.88	8.53	8.78	8.49	8.80	8.45
20	9.24	8.70	9.04	8.54	9.25	8.83
30	9.65	9.11	9.39	9.03	9.44	9.14
40	9.78	9.36	9.67	9.36	9.62	9.23
50	9.85	9.42	9.86	9.45	9.79	9.32
60	10.02	9.65	9.96	9.56	9.99	9.41
70	10.11	9.81	10.06	9.75	9.97	9.63
80	10.36	9.98	10.11	9.83	10.13	9.70
90	10.47	10.08	10.32	9.94	10.21	9.79
100	10.65	10.19	10.51	10.20	10.46	9.93
110	10.86	10.32	10.70	10.30	10.57	10.09
120	10.98	10.50	10.78	10.42	10.65	10.20

130	11.06	10.61	10.91	10.67	10.83	10.33
140	11.23	10.68	11.03	10.94	10.89	10.54
150	11.46	10.88	11.12	10.99	11.16	10.79
160	11.54	11.14	11.28	11.04	11.37	10.99
170	11.73	11.28	11.44	11.18	11.45	11.16
180	11.82	11.38	11.55	11.24	11.63	11.21
190	12.10	11.45	11.69	11.38	11.89	11.28
200	12.22	11.69	11.81	11.50	12.10	11.37
210	12.36	11.92	11.90	11.50	12.27	11.55
220	12.43	12.10	12.13	11.81	11.81	11.71
230	12.57	12.19	12.21	11.93	11.99	11.85
240	12.60	12.25	12.32	12.00	12.31	11.94
255	12.86	12.39	12.51	12.24	12.53	12.17
270	12.97	12.52	12.63	12.33	12.79	12.32
285	13.12	12.66	12.85	12.50	12.88	12.44
300	13.25	12.80	12.92	12.57	13.03	12.56
315	13.31	12.92	13.08	12.76	13.16	12.61
330	13.52	13.03	13.21	12.96	13.26	12.67
345	13.70	13.12	13.33	13.08	13.35	12.81
360	13.84	13.20	13.40	13.14	13.42	12.88
375	13.90	13.31	13.52	13.26	13.49	13.01
390	14.07	13.45	13.67	13.37	13.63	13.10
405	14.18	13.61	13.78	13.44	13.74	13.16
420	14.27	13.72	13.90	13.56	13.85	13.24
435	14.39	13.85	14.05	13.56	13.96	13.38
450	14.51	13.88	14.11	13.74	14.01	13.44
465	14.59	13.93	14.23	13.80	14.13	13.52
480	14.68	13.96	14.37	13.99	14.22	13.59

Table B.5.1.1.21. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 17.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	7.86	7.84	7.83	7.83	7.85	7.84
10	10.72	10.58	10.89	10.73	10.80	10.59
20	11.31	11.36	11.45	11.12	11.26	11.18
30	11.65	11.69	11.81	11.45	11.90	11.46
40	12.05	11.96	12.14	11.71	12.06	11.62
50	12.30	12.24	12.31	11.89	12.25	11.85
60	12.62	12.70	12.51	12.18	12.49	12.07
70	12.72	12.81	12.70	12.35	12.63	12.29
80	12.83	12.90	12.91	12.52	12.71	12.44
90	13.05	12.96	12.99	12.76	12.93	12.67
100	13.12	13.05	13.11	12.93	13.06	12.81
110	13.20	13.28	13.21	13.08	13.16	12.89
120	13.33	13.41	13.35	13.16	13.28	13.11
130	13.41	13.55	13.39	13.22	13.51	13.23
140	13.62	13.70	13.66	13.36	13.73	13.31
150	13.75	13.79	13.73	13.48	13.81	13.42
160	13.82	13.88	13.90	13.59	13.92	13.56
170	14.00	14.01	14.13	13.68	14.09	13.63
180	14.15	14.11	14.26	13.82	14.22	13.80
190	14.28	14.19	14.45	14.01	14.32	13.94
200	14.41	14.38	14.53	14.09	14.39	14.01
210	14.56	14.54	14.72	14.23	14.52	14.15
220	14.75	14.67	14.86	14.32	14.63	14.26
230	14.91	14.79	14.93	14.56	14.76	14.44
240	14.99	14.86	15.03	14.70	14.87	14.60
255	15.16	15.10	15.21	14.91	15.03	14.85
270	15.28	15.20	15.34	15.14	15.19	15.05
285	15.41	15.39	15.43	15.19	15.34	15.13
300	15.50	15.61	15.57	15.28	15.53	15.29
315	15.69	15.75	15.76	15.37	15.69	15.34

330	15.80	15.78	15.84	15.48	15.84	15.46
345	16.03	15.96	16.11	15.62	15.90	15.61
360	16.14	16.03	16.29	15.73	16.05	15.69
375	16.26	16.19	16.35	15.84	16.15	15.84
390	16.32	16.30	16.43	15.94	16.26	15.97
405	16.50	16.42	16.49	16.01	16.38	16.11
420	16.68	16.57	16.58	16.15	16.49	16.25
435	16.79	16.70	16.66	16.24	16.55	16.34
450	16.94	16.87	16.76	16.36	16.68	16.41
465	17.02	16.99	16.88	16.48	16.82	16.48
480	17.11	17.15	16.94	16.53	16.90	16.59

Table B.5.1.1.22. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 12.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	7.84	7.85	7.84	7.84	7.84	7.85
10	10.91	10.72	10.53	10.98	10.63	10.81
20	11.29	11.25	11.19	11.21	11.41	11.32
30	11.65	11.62	11.48	11.52	11.74	11.65
40	12.09	11.88	11.70	11.87	12.00	11.91
50	12.26	12.15	11.99	12.18	12.32	12.19
60	12.58	12.41	12.23	12.36	12.53	12.34
70	12.73	12.55	12.41	12.58	12.67	12.48
80	12.80	12.66	12.58	12.73	12.86	12.63
90	12.95	12.81	12.68	12.91	13.00	12.72
100	13.06	13.03	12.82	12.98	13.06	12.83
110	13.25	13.12	12.91	13.19	13.24	12.95
120	13.42	13.23	13.09	13.28	13.39	13.06

130	13.49	13.40	13.21	13.34	13.47	13.24
140	13.67	13.54	13.37	13.53	13.72	13.50
150	13.77	13.50	13.48	13.65	13.86	13.56
160	13.96	13.78	13.62	13.72	13.98	13.63
170	14.15	13.90	13.76	13.88	14.06	13.76
180	14.26	14.13	13.91	14.02	14.28	13.87
190	14.39	14.22	14.12	14.18	14.41	13.99
200	14.44	14.34	14.20	14.31	14.56	14.13
210	14.61	14.49	14.43	14.44	14.72	14.27
220	14.70	14.58	14.45	14.62	14.83	14.38
230	14.83	14.73	14.51	14.69	14.91	14.47
240	14.95	14.88	14.63	14.83	15.10	14.59
255	15.03	15.06	14.87	14.86	15.21	14.72
270	15.15	15.28	14.95	15.00	15.36	14.85
285	15.27	15.38	15.05	15.12	15.47	14.95
300	15.33	15.58	15.11	15.24	15.53	15.04
315	15.48	15.71	15.27	15.36	15.71	15.12
330	15.62	15.86	15.33	15.48	15.90	15.26
345	15.79	16.03	15.45	15.64	15.99	15.35
360	15.91	16.16	15.56	15.71	16.13	15.43
375	16.02	16.32	15.68	15.80	16.25	15.61
390	16.13	16.44	15.76	15.92	16.39	15.84
405	16.25	16.61	15.85	16.10	16.45	15.96
420	16.41	16.76	15.96	16.23	16.54	16.06
435	16.57	16.91	16.08	16.37	16.66	16.21
450	16.64	17.02	16.15	16.44	16.71	16.30
465	16.70	17.11	16.21	16.50	16.82	16.39
480	16.80	17.23	16.32	16.62	16.90	16.47

Table B.5.1.1.23. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	7.84	7.84	7.85	7.84	7.84	7.85
10	10.80	10.62	10.93	10.67	10.51	10.90
20	11.38	11.06	11.46	11.29	11.20	11.29
30	11.72	11.29	11.56	11.48	11.81	11.79
40	11.99	11.86	11.92	11.73	12.10	11.83
50	12.16	12.17	12.04	12.32	12.21	12.40
60	12.50	12.58	12.38	12.46	12.29	12.65
70	12.74	12.86	12.62	12.67	12.32	12.77
80	12.81	13.05	12.84	12.81	12.47	12.98
90	13.08	13.07	12.96	12.91	12.63	13.09
100	13.12	13.12	13.02	12.96	12.75	13.16
110	13.29	13.22	13.13	13.10	12.89	13.37
120	13.42	13.36	13.27	13.23	13.00	13.48
130	13.54	13.45	13.39	13.37	13.06	13.62
140	13.61	13.70	13.45	13.40	13.25	13.77
150	13.78	13.82	13.63	13.52	13.33	13.91
160	13.89	13.98	13.77	13.61	13.41	14.07
170	13.97	14.09	13.85	13.75	13.52	14.13
180	14.18	14.23	14.01	14.12	13.75	14.35
190	14.24	14.36	14.15	14.21	13.84	14.49
200	14.36	14.50	14.29	14.36	13.90	14.62
210	14.53	14.76	14.32	14.53	13.95	14.81
220	14.70	14.88	14.54	14.60	14.23	14.92
230	14.81	14.95	14.70	14.75	14.37	15.04
240	14.95	15.07	14.78	14.89	14.52	15.13
255	15.13	15.24	14.85	15.05	14.72	15.32
270	15.29	15.39	14.99	15.23	14.81	15.42
285	15.42	15.53	15.14	15.31	14.96	15.50
300	15.53	15.65	15.23	15.43	15.04	15.63
315	15.70	15.83	15.40	15.61	15.21	15.76

330	15.79	15.92	15.56	15.70	15.38	15.88
345	15.88	16.16	15.73	15.90	15.53	16.04
360	15.94	16.32	15.82	15.98	15.65	16.18
375	16.06	16.45	15.96	16.10	15.77	16.37
390	16.15	16.58	16.06	16.28	15.86	16.51
405	16.27	16.69	16.12	16.39	15.88	16.63
420	16.36	16.73	16.25	16.48	16.07	16.71
435	16.49	16.89	16.34	16.56	16.22	16.82
450	16.55	17.02	16.48	16.61	16.30	16.87
465	16.61	17.10	16.56	16.70	16.35	16.99
480	16.69	17.24	16.61	16.75	16.44	17.10

Table B.5.1.1.24. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	2.56	2.55	2.56	2.56	2.55	2.57
10	5.05	5.01	4.96	4.79	4.88	4.90
20	5.11	5.01	5.41	4.99	5.02	5.33
30	5.32	5.09	5.59	5.04	5.22	5.38
40	5.54	5.23	5.72	5.17	5.27	5.66
50	5.63	5.63	5.80	5.27	5.31	5.75
60	5.75	5.68	5.93	5.44	5.59	6.22
70	6.23	5.92	6.00	5.70	5.69	6.30
80	6.23	5.92	6.00	5.86	5.88	6.30
90	6.25	5.94	6.09	5.93	5.89	6.40
100	6.44	6.12	6.11	6.01	5.92	6.42
110	6.50	6.18	6.18	6.15	5.99	6.49
120	6.52	6.19	6.25	6.28	5.96	6.57

130	6.54	6.21	6.39	6.30	6.01	6.71
140	6.50	6.18	6.44	6.43	6.01	6.76
150	6.56	6.23	6.41	6.56	6.11	6.73
160	6.59	6.31	6.57	6.60	6.25	6.90
170	6.64	6.31	6.63	6.76	6.33	6.96
180	6.70	6.37	6.67	6.77	6.33	7.01
190	6.84	6.50	6.69	6.81	6.39	7.02
200	7.00	6.65	6.71	6.84	6.47	7.05
210	7.04	6.69	6.76	6.98	6.53	7.09
220	7.29	6.92	6.88	7.26	6.74	7.22
230	7.44	7.06	7.13	7.45	6.88	7.48
240	7.55	7.17	7.25	7.66	6.98	7.62
255	7.65	7.27	7.41	7.91	7.05	7.78
270	7.75	7.36	7.67	8.01	7.41	8.05
285	7.87	7.48	7.82	8.11	7.47	8.21
300	8.11	7.71	8.03	8.32	7.52	8.43
315	8.42	7.99	8.27	8.57	7.66	8.69
330	8.56	8.13	8.46	8.66	7.87	8.89
345	8.72	8.29	8.73	8.69	8.10	9.17
360	8.89	8.44	8.79	8.78	8.34	9.23
375	9.12	8.66	8.92	9.01	8.50	9.36
390	9.19	8.73	9.22	9.34	8.66	9.68
405	9.32	8.85	9.33	9.51	8.74	9.80
420	9.45	8.98	9.53	9.71	8.86	9.91
435	9.58	9.10	9.56	9.89	8.93	10.02
450	9.66	9.18	9.68	10.00	9.02	10.10
465	9.76	9.28	9.77	10.09	9.24	10.02
480	9.87	9.27	9.90	10.23	9.35	10.27

Table B.5.1.1.25. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.55	2.56	2.57	2.55	2.57	2.54
10	4.87	4.94	5.06	5.18	5.04	4.95
20	5.00	5.11	5.11	5.32	5.37	5.02
30	5.02	5.07	5.27	5.54	5.41	5.28
40	5.31	5.30	5.33	5.71	5.40	5.44
50	5.51	5.33	5.42	5.85	5.52	5.67
60	5.55	5.50	5.55	5.99	5.61	5.76
70	5.83	5.61	5.56	6.22	5.78	5.81
80	5.93	5.79	5.59	6.22	5.94	5.88
90	5.96	5.81	5.62	6.22	6.06	5.94
100	6.14	5.84	5.82	6.36	6.11	6.11
110	6.15	5.90	5.94	6.41	6.26	6.16
120	6.16	5.96	6.11	6.46	6.25	6.20
130	6.27	6.00	6.29	6.52	6.34	6.26
140	6.30	6.01	6.45	6.47	6.33	6.22
150	6.31	6.11	6.48	6.53	6.37	6.27
160	6.31	6.25	6.49	6.66	6.48	6.40
170	6.36	6.33	6.58	6.68	6.54	6.49
180	6.45	6.33	6.66	6.80	6.50	6.53
190	6.51	6.39	6.74	6.86	6.59	6.59
200	6.63	6.47	6.82	6.89	6.65	6.62
210	6.71	6.53	6.85	6.91	6.70	6.64
220	6.97	6.74	6.90	7.03	6.73	6.85
230	7.12	6.88	7.00	7.47	6.88	7.18
240	7.16	6.97	7.21	7.65	6.96	7.24
255	7.27	7.05	7.43	7.79	7.02	7.38
270	7.46	7.41	7.59	8.00	7.15	7.56
285	7.71	7.47	7.86	8.31	7.36	7.76
300	7.79	7.52	8.13	8.39	7.48	7.99
315	7.91	7.66	8.38	8.68	7.62	8.38

330	8.23	7.87	8.44	8.89	7.72	8.58
345	8.40	8.10	8.56	8.96	7.93	8.65
360	8.43	8.33	8.66	9.02	8.11	8.71
375	8.52	8.50	8.91	9.17	8.38	8.85
390	8.76	8.66	8.98	9.35	8.51	9.13
405	9.11	8.74	9.46	9.43	8.70	9.20
420	9.36	8.86	9.69	9.54	8.95	9.31
435	9.45	8.93	9.76	9.67	9.07	9.68
450	9.56	9.02	9.85	9.84	9.12	9.73
465	9.68	9.10	9.96	10.06	9.24	9.92
480	9.77	9.27	10.10	10.21	9.45	10.17

Table B.5.1.1.26. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	2.54	2.56	2.55	2.55	2.55	2.56
10	4.96	4.72	4.70	5.01	4.65	4.89
20	5.17	4.86	4.90	5.46	4.95	4.94
30	5.36	5.06	5.41	5.65	5.24	5.09
40	5.55	5.10	5.67	5.78	5.36	5.15
50	5.68	5.14	5.80	5.85	5.56	5.24
60	5.79	5.41	5.83	5.99	5.64	5.36
70	5.88	5.51	5.94	6.09	5.82	5.48
80	6.00	5.69	6.21	6.09	5.91	5.51
90	6.12	5.70	6.30	6.19	5.96	5.55
100	6.18	5.73	6.38	6.20	6.02	5.74
110	6.23	5.80	6.49	6.28	6.10	5.86
120	6.27	5.77	6.51	6.35	6.19	6.03

130	6.33	5.81	6.56	6.49	6.31	6.20
140	6.37	5.82	6.60	6.54	6.35	6.36
150	6.40	5.92	6.71	6.51	6.37	6.39
160	6.47	6.05	6.80	6.67	6.45	6.40
170	6.49	6.13	6.85	6.73	6.51	6.48
180	6.60	6.13	6.91	6.78	6.58	6.57
190	6.66	6.19	6.97	6.80	6.60	6.65
200	6.69	6.27	7.02	6.82	6.67	6.73
210	6.71	6.33	7.05	6.87	6.72	6.76
220	6.83	6.53	7.13	6.99	6.79	6.80
230	7.26	6.66	7.23	7.24	6.82	6.90
240	7.43	6.77	7.27	7.37	6.85	7.11
255	7.57	6.84	7.37	7.53	6.91	7.32
270	7.77	7.19	7.43	7.79	7.07	7.48
285	8.06	7.24	7.59	7.95	7.15	7.75
300	8.19	7.30	7.66	8.16	7.26	8.01
315	8.47	7.43	7.82	8.41	7.33	8.26
330	8.67	7.63	7.99	8.60	7.52	8.32
345	8.74	7.86	8.17	8.88	7.70	8.44
360	8.81	8.09	8.35	8.94	7.85	8.61
375	8.95	8.24	8.55	9.07	8.00	8.83
390	9.13	8.43	8.72	9.37	8.25	8.95
405	9.20	8.51	9.00	9.49	8.39	9.32
420	9.31	8.63	9.19	9.69	8.50	9.55
435	9.44	8.78	9.37	9.78	8.69	9.62
450	9.56	8.99	9.56	9.91	8.83	9.91
465	9.77	9.11	9.78	10.11	9.04	10.11
480	9.87	9.27	9.90	10.23	9.25	10.37

Table B.5.1.1.27. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 17.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	4.14	4.14	4.16	4.15	4.15	4.14
10	5.77	6.11	6.63	6.35	5.92	6.43
20	6.21	6.53	6.74	6.75	6.88	6.82
30	6.67	6.74	7.32	7.18	6.78	7.40
40	6.98	7.11	7.57	7.36	7.00	7.55
50	7.24	7.26	7.64	7.45	7.31	7.81
60	7.38	7.55	7.88	7.58	7.69	7.96
70	7.45	7.81	7.89	7.86	7.69	8.11
80	7.62	7.93	7.91	8.02	7.75	8.14
90	7.89	8.04	8.09	8.20	7.98	8.28
100	7.94	8.06	8.16	8.29	8.02	8.32
110	7.93	8.17	8.15	8.37	8.10	8.39
120	7.99	8.15	8.21	8.42	8.33	8.44
130	8.12	8.20	8.21	8.55	8.36	8.51
140	8.16	8.31	8.23	8.59	8.43	8.64
150	8.21	8.36	8.30	8.59	8.45	8.64
160	8.22	8.43	8.36	8.60	8.49	8.67
170	8.20	8.47	8.40	8.62	8.50	8.71
180	8.29	8.51	8.43	8.65	8.52	8.73
190	8.47	8.58	8.46	8.66	8.52	8.77
200	8.54	8.59	8.47	8.70	8.55	8.81
210	8.59	8.71	8.53	8.72	8.60	8.80
220	8.63	8.71	8.67	8.74	8.60	8.89
230	8.67	8.77	8.72	8.77	8.64	8.94
240	8.66	8.88	8.85	8.80	8.66	8.94
255	8.71	8.95	8.92	8.84	8.84	8.99
270	8.81	9.01	9.00	8.81	9.01	9.06
285	8.88	9.13	9.07	8.98	9.12	9.21
300	9.11	9.16	9.20	9.02	9.23	9.22
315	9.36	9.31	9.31	9.44	9.25	9.29

330	9.44	9.44	9.60	9.52	9.32	9.36
345	9.68	9.62	9.87	9.55	9.46	9.52
360	9.81	9.78	9.93	9.68	9.56	9.64
375	9.97	9.97	10.01	9.73	9.68	9.81
390	10.11	10.11	10.26	9.84	9.74	10.04
405	10.25	10.26	10.53	9.91	9.88	10.20
420	10.39	10.48	10.69	9.97	10.03	10.29
435	10.51	10.64	10.88	10.11	10.18	10.41
450	10.64	10.88	11.01	10.23	10.36	10.55
465	10.80	11.02	11.15	10.41	10.54	10.68
480	10.90	11.25	11.35	10.52	10.68	10.84

Table B.5.1.1.28. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 12.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	4.14	4.14	4.16	4.15	4.14	4.16
10	6.50	5.82	5.92	6.33	6.12	5.96
20	6.61	6.21	6.41	6.55	6.60	6.93
30	6.70	6.56	7.21	6.89	6.93	6.83
40	7.43	6.88	7.36	7.15	7.12	7.05
50	7.50	7.24	7.61	7.56	7.36	7.36
60	7.69	7.55	7.89	7.82	7.39	7.74
70	7.74	7.72	8.04	7.77	7.50	7.74
80	7.83	7.82	8.14	7.91	7.60	7.80
90	7.93	7.86	8.21	7.98	7.66	8.03
100	7.98	7.94	8.26	7.99	7.69	8.07
110	7.95	8.01	8.30	8.25	7.83	8.16
120	7.96	8.11	8.35	8.36	7.88	8.39

130	8.00	8.16	8.35	8.41	7.91	8.42
140	8.04	8.19	8.39	8.58	7.94	8.49
150	8.14	8.25	8.50	8.69	7.95	8.51
160	8.17	8.31	8.59	8.70	8.09	8.55
170	8.21	8.44	8.64	8.74	8.11	8.56
180	8.24	8.47	8.69	8.77	8.16	8.57
190	8.31	8.50	8.71	8.80	8.23	8.58
200	8.37	8.52	8.77	8.81	8.26	8.61
210	8.44	8.64	8.91	8.79	8.27	8.66
220	8.49	8.73	8.93	8.83	8.26	8.66
230	8.53	8.79	9.08	8.91	8.42	8.70
240	8.60	8.83	9.16	8.96	8.56	8.72
255	8.69	8.87	9.29	9.05	8.65	8.90
270	8.79	8.96	9.35	9.22	8.74	9.07
285	8.91	9.02	9.41	9.32	8.75	9.18
300	9.02	9.14	9.48	9.41	8.84	9.29
315	9.25	9.22	9.59	9.64	9.22	9.31
330	9.44	9.34	9.71	9.83	9.28	9.38
345	9.69	9.41	9.83	10.09	9.50	9.52
360	9.75	9.49	9.99	10.18	9.62	9.63
375	9.91	9.63	10.14	10.36	9.77	9.74
390	10.07	9.81	10.38	10.55	10.22	9.81
405	10.34	9.96	10.55	10.72	10.38	9.95
420	10.49	10.12	10.69	10.93	10.57	10.10
435	10.68	10.27	10.86	11.12	10.62	10.25
450	10.75	10.45	11.01	11.28	10.82	10.43
465	10.88	10.55	11.26	11.41	11.06	10.61
480	10.98	10.69	11.45	11.58	11.21	10.78

Table B.5.1.1.29. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	4.16	4.15	4.15	4.16	4.14	4.15
10	6.54	6.15	6.46	6.51	6.01	5.87
20	7.05	6.29	6.85	6.99	6.97	6.32
30	7.70	6.57	7.43	7.28	6.88	6.78
40	7.96	7.29	7.59	7.37	7.10	6.95
50	8.12	7.36	7.85	7.62	7.41	7.25
60	8.25	7.55	8.01	7.92	7.79	7.44
70	8.37	7.60	8.16	8.14	7.87	7.58
80	8.43	7.69	8.19	8.33	7.93	7.69
90	8.50	7.79	8.32	8.47	8.16	7.83
100	8.67	7.83	8.36	8.60	8.21	8.08
110	8.75	7.80	8.43	8.62	8.29	8.11
120	8.92	7.85	8.49	8.67	8.52	8.19
130	9.02	7.89	8.55	8.72	8.60	8.26
140	9.14	7.99	8.69	8.83	8.68	8.30
150	9.22	8.02	8.82	8.95	8.70	8.37
160	9.27	8.09	8.86	9.06	8.74	8.39
170	9.35	8.16	8.90	9.17	8.81	8.43
180	9.40	8.22	8.99	9.23	8.83	8.54
190	9.50	8.29	9.02	9.34	8.89	8.61
200	9.54	8.34	9.06	9.37	8.96	8.69
210	9.62	8.37	9.11	9.42	9.01	8.74
220	9.68	8.42	9.16	9.50	9.07	8.78
230	9.77	8.45	9.16	9.56	9.16	8.82
240	9.82	8.52	9.21	9.63	9.18	8.86
255	9.85	8.57	9.23	9.69	9.37	8.93
270	9.93	8.63	9.30	9.76	9.55	8.96
285	10.08	8.75	9.31	9.86	9.66	9.14
300	10.24	8.86	9.40	10.07	9.77	9.26
315	10.29	9.08	9.48	10.14	9.80	9.52

330	10.38	9.27	9.57	10.34	9.87	9.60
345	10.46	9.52	9.72	10.46	10.02	9.85
360	10.54	9.57	9.85	10.54	10.13	9.98
375	10.71	9.73	10.02	10.69	10.25	10.14
390	10.83	9.89	10.26	10.81	10.31	10.28
405	10.90	10.16	10.42	10.93	10.46	10.42
420	10.99	10.30	10.55	11.11	10.62	10.57
435	11.12	10.49	10.63	11.22	10.77	10.69
450	11.28	10.56	10.78	11.29	10.96	10.82
465	11.45	10.69	10.91	11.42	11.15	10.98
480	11.67	10.74	10.99	11.54	11.26	11.12

Table B.5.1.1.30. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	5.94	5.92	5.91	5.93	5.92	5.92
10	7.54	7.30	7.60	7.25	7.26	7.36
20	7.86	7.51	7.80	7.37	7.65	7.73
30	8.11	7.56	8.05	7.69	8.14	7.96
40	8.26	7.62	8.43	7.89	8.55	8.11
50	8.33	7.86	8.50	8.25	8.73	8.13
60	8.46	7.99	8.63	8.43	8.96	8.27
70	8.51	8.16	8.69	8.52	8.99	8.36
80	8.51	8.23	8.69	8.57	8.99	8.41
90	8.60	8.36	8.78	8.68	9.00	8.53
100	8.64	8.42	8.82	8.77	9.02	8.61
110	8.71	8.50	8.89	8.79	9.04	8.65
120	8.91	8.53	9.09	8.81	9.06	8.64
130	8.96	8.60	9.14	8.85	9.22	8.69

140	9.00	8.67	9.18	8.94	9.30	8.79
150	9.11	8.74	9.29	9.05	9.40	8.88
160	9.16	8.75	9.30	9.11	9.48	8.94
170	9.18	8.83	9.33	9.15	9.63	8.98
180	9.24	8.90	9.44	9.17	9.75	9.00
190	9.33	8.94	9.48	9.21	9.87	9.04
200	9.36	8.97	9.55	9.21	9.90	9.06
210	9.42	9.06	9.62	9.28	9.84	9.11
220	9.51	9.12	9.68	9.37	9.88	9.21
230	9.55	9.17	9.77	9.45	9.94	9.27
240	9.64	9.28	9.84	9.54	10.04	9.36
255	9.70	9.35	9.94	9.60	10.10	9.42
270	9.80	9.41	10.01	9.65	10.26	9.52
285	9.81	9.46	10.01	9.77	10.29	9.59
300	9.94	9.50	10.16	9.82	10.33	9.64
315	10.05	9.52	10.25	9.87	10.36	9.68
330	10.15	9.56	10.35	9.95	10.43	9.77
345	10.21	9.61	10.42	10.11	10.50	9.85
360	10.32	9.67	10.53	10.14	10.56	9.91
375	10.45	9.75	10.67	10.22	10.64	10.03
390	10.57	9.82	10.74	10.27	10.75	10.12
405	10.58	9.91	10.79	10.36	10.82	10.16
420	10.64	10.00	10.86	10.43	10.89	10.23
435	10.76	10.13	10.98	10.56	10.92	10.36
450	10.79	10.21	11.01	10.64	11.03	10.44
465	10.87	10.27	11.09	10.71	11.14	10.50
480	11.01	10.41	11.20	10.80	11.21	10.62

Table B.5.1.1.31. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 12.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	5.91	5.92	5.93	5.91	5.92	5.94
10	7.62	7.43	7.39	7.51	7.42	7.34
20	7.77	7.62	7.66	7.97	7.81	7.64
30	7.79	7.87	7.91	7.99	7.96	7.86
40	7.95	8.25	7.95	8.46	8.40	7.98
50	8.02	8.31	8.00	8.66	8.70	8.00
60	8.25	8.44	8.12	8.69	8.81	8.13
70	8.37	8.50	8.40	8.78	8.88	8.23
80	8.44	8.50	8.45	8.78	8.88	8.27
90	8.52	8.59	8.70	8.88	8.90	8.39
100	8.57	8.62	8.75	8.89	8.96	8.47
110	8.62	8.69	8.89	8.93	9.01	8.51
120	8.64	8.89	8.96	9.06	9.05	8.50
130	8.71	8.94	9.01	9.12	9.10	8.55
140	8.71	8.98	9.06	9.22	9.16	8.65
150	8.72	9.09	9.11	9.33	9.21	8.74
160	8.85	9.09	9.21	9.55	9.36	8.79
170	8.87	9.12	9.25	9.73	9.42	8.83
180	8.98	9.24	9.29	9.75	9.56	8.86
190	9.06	9.27	9.35	9.78	9.61	8.90
200	9.12	9.34	9.40	9.85	9.62	8.91
210	9.22	9.41	9.46	9.87	9.68	8.96
220	9.27	9.47	9.48	9.92	9.72	9.11
230	9.34	9.56	9.52	9.97	9.82	9.22
240	9.41	9.63	9.56	10.06	9.95	9.26
255	9.47	9.72	9.59	10.17	10.20	9.32
270	9.65	9.79	9.70	10.20	10.30	9.38
285	9.71	9.82	9.75	10.26	10.34	9.47
300	9.75	9.94	9.80	10.32	10.45	9.53
315	9.79	10.02	9.84	10.46	10.52	9.61

330	9.87	10.13	9.88	10.55	10.56	9.66
345	9.94	10.22	9.94	10.69	10.61	9.74
360	10.09	10.29	10.03	10.74	10.67	9.83
375	10.21	10.34	10.12	10.79	10.73	9.92
390	10.29	10.43	10.17	10.80	10.86	10.05
405	10.36	10.56	10.21	10.89	10.92	10.07
420	10.46	10.62	10.29	10.98	11.00	10.23
435	10.60	10.70	10.31	11.06	11.12	10.25
450	10.62	10.77	10.37	11.16	11.20	10.33
465	10.72	10.85	10.45	11.25	11.27	10.39
480	10.83	11.02	10.57	11.39	11.32	10.46

Table B.5.1.1.32. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	5.92	5.92	5.92	5.93	5.91	5.91
10	7.11	7.29	7.53	7.05	7.23	7.36
20	7.44	7.65	7.90	7.25	7.54	7.64
30	7.61	7.73	7.91	7.34	7.78	7.94
40	7.89	7.87	8.07	7.56	7.93	8.11
50	7.97	7.88	8.14	7.75	7.99	8.24
60	8.25	8.02	8.38	7.85	8.11	8.26
70	8.26	8.11	8.50	7.92	8.16	8.31
80	8.32	8.16	8.61	8.05	8.23	8.36
90	8.45	8.27	8.69	8.12	8.32	8.45
100	8.62	8.35	8.74	8.18	8.36	8.49
110	8.69	8.39	8.79	8.25	8.42	8.56
120	8.71	8.38	8.81	8.31	8.62	8.61
130	8.81	8.43	8.88	8.36	8.66	8.61

140	8.86	8.53	8.88	8.52	8.70	8.66
150	8.92	8.62	8.89	8.56	8.81	8.71
160	8.97	8.67	9.02	8.62	8.86	8.85
170	9.05	8.71	9.15	8.68	8.94	8.91
180	9.11	8.73	9.23	8.72	9.03	9.05
190	9.14	8.77	9.30	8.77	9.11	9.09
200	9.19	8.79	9.40	8.80	9.20	9.10
210	9.31	8.84	9.45	8.88	9.23	9.16
220	9.37	8.94	9.52	8.91	9.32	9.20
230	9.45	8.99	9.59	8.95	9.38	9.29
240	9.55	9.08	9.65	9.01	9.48	9.39
255	9.58	9.14	9.84	9.10	9.62	9.63
270	9.63	9.24	9.92	9.13	9.71	9.72
285	9.68	9.30	10.09	9.19	9.81	9.76
300	9.74	9.35	10.12	9.27	9.88	9.86
315	9.81	9.37	10.21	9.36	9.98	9.93
330	9.88	9.46	10.31	9.43	10.11	9.97
345	9.97	9.54	10.44	9.50	10.22	10.02
360	10.02	9.62	10.52	9.56	10.29	10.08
375	10.11	9.72	10.64	9.60	10.40	10.13
390	10.14	9.80	10.72	9.67	10.51	10.25
405	10.24	9.86	10.81	9.74	10.55	10.31
420	10.31	9.92	10.94	9.82	10.63	10.38
435	10.39	10.03	10.99	9.96	10.71	10.50
450	10.45	10.12	11.03	10.06	10.83	10.57
465	10.49	10.17	11.09	10.12	10.92	10.64
480	10.53	10.21	11.17	10.20	11.07	10.76

Table B.5.1.1.33. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 17.5%.

	height after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	7.86	7.85	7.87	7.87	7.88	7.87
10	9.65	9.46	9.23	9.59	9.46	9.21
20	9.67	9.64	9.49	9.68	9.84	9.42
30	9.89	9.77	9.73	9.82	10.03	9.57
40	9.99	10.10	9.74	9.96	10.37	9.76
50	10.04	10.26	9.98	10.21	10.71	10.00
60	10.23	10.50	10.23	10.38	11.09	10.36
70	10.55	10.61	10.32	10.56	11.08	10.36
80	10.67	10.79	10.39	10.64	11.08	10.43
90	10.72	10.83	10.55	10.69	11.16	10.57
100	10.89	10.91	10.70	10.77	11.20	10.63
110	11.05	10.99	10.74	10.85	11.47	10.78
120	11.24	11.02	10.80	11.03	11.59	10.83
130	11.35	11.26	10.90	11.24	11.63	10.91
140	11.57	11.26	11.03	11.33	11.73	10.97
150	11.62	11.30	11.08	11.36	11.82	11.04
160	11.78	11.42	11.13	11.41	11.94	11.21
170	11.89	11.48	11.24	11.46	11.96	11.24
180	11.96	11.66	11.31	11.59	12.05	11.36
190	12.04	11.71	11.40	11.67	12.12	11.47
200	12.08	11.74	11.45	11.73	12.16	11.58
210	12.12	11.78	11.49	11.88	12.23	11.73
220	12.24	11.87	11.55	11.91	12.37	11.96
230	12.27	11.96	11.63	11.93	12.44	12.15
240	12.30	12.04	11.71	12.05	12.46	12.19
255	12.39	12.18	11.72	12.18	12.51	12.27
270	12.42	12.23	11.79	12.19	12.63	12.34
285	12.52	12.33	11.86	12.23	12.64	12.40
300	12.59	12.37	11.93	12.33	12.76	12.51
315	12.66	12.41	12.08	12.37	12.85	12.59

330	12.68	12.52	12.13	12.39	12.91	12.64
345	12.75	12.59	12.14	12.45	13.05	12.70
360	12.83	12.66	12.21	12.49	13.05	12.75
375	12.88	12.71	12.26	12.56	13.14	12.81
390	12.96	12.77	12.29	12.61	13.22	12.88
405	13.07	12.80	12.30	12.72	13.26	12.91
420	13.16	12.91	12.50	12.77	13.34	12.93
435	13.24	12.96	12.58	12.79	13.42	12.99
450	13.37	13.04	12.62	12.84	13.45	13.01
465	13.41	13.18	12.75	12.91	13.57	13.15
480	13.46	13.21	12.88	13.00	13.69	13.27

Table B.5.1.1.34. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 12.5%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	7.86	7.86	7.86	7.84	7.87	7.88
10	9.32	9.46	9.33	9.26	9.61	9.72
20	9.55	9.64	9.35	9.34	9.88	9.99
30	9.73	10.21	9.64	9.61	10.21	10.24
40	9.99	10.55	9.75	9.88	10.42	10.25
50	10.21	10.79	10.19	10.31	10.55	10.51
60	10.31	10.91	10.36	10.42	10.67	10.77
70	10.54	11.04	10.55	10.63	10.72	10.86
80	10.58	11.15	10.59	10.68	10.79	10.94
90	10.66	11.24	10.73	10.83	10.88	11.11
100	10.83	11.36	10.77	10.91	11.05	11.26
110	10.94	11.39	10.84	10.96	11.11	11.31
120	11.11	11.43	10.91	11.00	11.16	11.37
130	11.25	11.58	10.95	11.15	11.23	11.47

140	11.39	11.69	11.02	11.19	11.30	11.61
150	11.51	11.81	11.14	11.26	11.45	11.66
160	11.63	11.91	11.16	11.34	11.61	11.72
170	11.69	11.93	11.22	11.37	11.77	11.83
180	11.73	11.98	11.34	11.50	11.97	11.91
190	11.75	12.08	11.39	11.67	12.13	12.00
200	11.75	12.16	11.50	11.81	12.24	12.05
210	11.98	12.21	11.56	11.95	12.29	12.09
220	12.03	12.25	11.63	12.03	12.38	12.16
230	12.10	12.33	11.67	12.05	12.44	12.24
240	12.14	12.38	11.74	12.10	12.51	12.33
255	12.24	12.40	11.77	12.11	12.55	12.34
270	12.36	12.46	11.81	12.18	12.63	12.41
285	12.42	12.53	11.92	12.24	12.72	12.48
300	12.43	12.56	11.98	12.37	12.77	12.56
315	12.55	12.61	12.06	12.42	12.84	12.72
330	12.58	12.66	12.12	12.48	12.91	12.77
345	12.61	12.75	12.14	12.53	12.93	12.78
360	12.68	12.81	12.25	12.61	12.96	12.85
375	12.72	12.89	12.33	12.67	13.14	12.90
390	12.77	12.96	12.44	12.68	13.21	12.94
405	12.81	13.03	12.51	12.72	13.27	12.95
420	12.92	13.19	12.56	12.76	13.39	13.16
435	13.14	13.26	12.63	12.81	13.46	13.24
450	13.29	13.33	12.71	12.86	13.61	13.28
465	13.42	13.39	12.79	12.90	13.68	13.42
480	13.58	13.46	12.90	12.96	13.79	13.59

Table B.5.1.1.35. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 15%.

height after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	7.86	7.87	7.85	7.86	7.89	7.86
10	9.51	9.11	9.55	9.26	9.38	9.58
20	9.77	9.54	9.76	9.33	9.46	9.77
30	10.02	9.72	10.05	9.53	9.93	10.30
40	10.12	9.90	10.29	9.65	10.01	10.64
50	10.28	10.02	10.47	9.92	10.44	10.88
60	10.46	10.37	10.55	10.18	10.56	11.00
70	10.63	10.39	10.62	10.22	10.77	11.13
80	10.70	10.46	10.71	10.31	10.82	11.24
90	10.87	10.55	10.81	10.35	10.97	11.33
100	11.02	10.58	10.89	10.45	11.05	11.46
110	10.13	10.60	10.99	10.60	11.10	11.53
120	10.18	10.69	11.03	10.65	11.14	11.68
130	10.24	10.81	11.07	10.72	11.28	11.79
140	11.32	10.79	11.16	10.78	11.32	11.91
150	11.37	10.83	11.23	10.85	11.40	12.01
160	11.42	10.85	11.34	11.02	11.48	12.03
170	10.49	11.08	11.38	11.12	11.51	12.08
180	11.61	11.16	11.39	11.21	11.64	12.18
190	11.70	11.23	11.51	11.28	11.81	12.26
200	10.78	11.36	11.56	11.35	11.95	12.31
210	10.81	11.45	11.63	11.53	12.09	12.35
220	11.85	11.53	11.63	11.76	12.17	12.43
230	11.93	11.77	11.70	11.94	12.19	12.48
240	12.04	11.82	11.77	11.98	12.25	12.50
255	12.10	11.88	11.84	12.09	12.26	12.56
270	12.14	11.98	11.87	12.13	12.35	12.64
285	12.16	12.11	11.92	12.19	12.41	12.67
300	12.24	12.20	11.93	12.30	12.52	12.72
315	12.40	12.31	12.06	12.38	12.59	12.77

330	12.45	12.36	12.18	12.43	12.72	12.86
345	12.51	12.46	12.23	12.48	12.77	12.92
360	12.60	12.52	12.28	12.53	12.85	13.00
375	12.65	12.69	12.31	12.59	12.91	13.07
390	12.69	12.81	12.39	12.69	12.98	13.14
405	12.70	12.94	12.51	12.71	13.03	13.30
420	12.90	13.09	12.59	12.77	13.11	13.37
435	12.98	13.16	12.66	12.79	13.15	13.44
450	13.02	13.24	12.74	12.85	13.21	13.52
465	13.15	13.38	12.82	12.93	13.29	13.61
480	13.25	13.51	12.92	13.00	13.39	13.69

Table B.5.1.1.36. Consecutive hydration heights of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 17.5%.

B.5.1.2. Tablet diameter.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.85	12.85	12.86	12.84	12.85	12.85
5	14.44	14.43	14.43	14.44	14.44	14.45
10	15.02	15.00	14.95	14.99	14.97	15.02
15	15.48	15.46	15.41	15.40	15.42	15.48
20	15.87	15.88	15.81	15.84	15.83	15.85
25	16.18	16.19	16.11	16.16	16.15	16.19
30	16.52	16.53	16.45	16.37	16.48	16.52
35	16.85	16.86	16.76	16.78	16.77	16.78
40	17.05	17.10	16.95	17.02	16.97	16.99
45	17.29	17.32	17.22	17.19	17.23	17.24

50	17.51	17.55	17.45	17.45	17.48	17.49
55	17.77	17.80	17.69	17.72	17.74	17.77
60	17.99	18.01	17.90	17.97	17.95	17.93
65	18.24	18.31	18.20	18.17	18.28	18.30
70	18.48	18.52	18.39	18.39	18.48	18.45
75	18.67	18.70	18.60	18.62	18.62	18.65
80	18.99	19.02	18.89	18.93	18.91	18.93
85	19.13	19.17	19.10	19.14	19.17	19.15
90	19.35	19.37	19.23	19.29	19.27	19.25
95	19.58	19.60	19.51	19.49	19.54	19.57
100	19.84	19.86	19.71	19.76	19.79	19.78
105	20.01	20.07	19.91	19.95	20.04	20.01
110	20.25	20.30	20.15	20.18	20.24	20.20
115	20.53	20.59	20.49	20.48	20.50	20.49
120	20.65	20.70	20.59	20.61	20.65	20.67
130	21.14	21.24	21.09	21.10	21.01	21.16
140	21.47	21.51	21.42	21.39	21.40	21.50
150	21.94	21.99	21.85	21.90	21.86	21.87
160	22.29	22.29	22.20	22.23	22.19	22.21
170	22.77	22.69	22.65	22.63	22.59	22.60
180	23.01	23.03	22.95	22.95	22.99	22.93
190	23.45	23.41	23.38	23.35	23.30	23.31
200	23.70	23.68	23.65	23.59	23.63	23.69
210	24.02	23.99	23.96	23.90	24.00	23.93
220	24.32	24.29	24.28	24.20	24.27	24.24
230	24.60	24.58	24.55	24.46	24.52	24.50
240	24.91	24.85	24.89	24.95	24.88	24.98
255	25.42	25.35	25.38	25.41	25.50	25.32
270	25.85	25.71	25.90	25.70	25.74	25.81
285	26.35	26.24	26.38	26.20	26.41	26.22
300	26.60	26.50	26.62	26.59	26.55	26.51
315	26.83	26.88	26.93	26.95	26.90	26.86
330	27.31	27.25	27.35	27.23	27.27	27.22
345	27.65	27.73	27.81	27.70	27.68	27.61

360	27.91	27.93	27.99	27.83	27.76	27.80
375	28.15	28.19	28.32	28.16	28.33	28.20
390	28.51	28.55	28.64	28.46	28.62	28.52
405	28.81	28.85	28.96	28.80	28.93	28.84
420	29.25	29.16	29.29	29.05	29.28	29.26
435	29.60	29.51	29.65	29.53	29.63	29.69
450	29.88	29.83	29.90	29.89	29.95	29.96
465	30.20	30.18	30.19	30.15	30.23	30.27
480	30.55	30.61	30.56	30.61	30.69	30.72

Table B.5.1.2.1. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.85	12.84	12.86	12.85	12.85	12.85
5	14.53	14.37	14.45	14.61	14.43	14.39
10	14.91	14.88	14.85	15.11	14.98	14.96
15	15.41	15.44	15.49	15.52	15.48	15.55
20	15.80	15.89	15.91	15.86	15.92	15.90
25	16.10	16.16	16.21	16.20	16.25	16.29
30	16.44	16.50	16.54	16.46	16.56	16.55
35	16.77	16.80	16.89	16.78	16.82	16.91
40	17.10	17.04	17.09	17.07	17.14	17.21
45	17.32	17.28	17.33	17.24	17.30	17.40
50	17.53	17.47	17.61	17.46	17.55	17.68
55	17.83	17.75	17.80	17.69	17.81	17.91
60	18.07	18.05	18.00	17.95	18.10	18.16
65	18.32	18.24	18.29	18.23	18.35	18.41
70	18.51	18.45	18.52	18.39	18.53	18.63
75	18.70	18.75	18.80	18.68	18.77	18.92

80	19.08	18.93	19.05	18.84	19.01	19.14
85	19.19	19.06	19.23	19.06	19.20	19.32
90	19.41	19.43	19.44	19.26	19.38	19.56
95	19.66	19.63	19.65	19.46	19.60	19.73
100	19.79	19.85	19.83	19.80	19.95	19.99
105	20.00	19.99	20.15	20.02	20.11	20.25
110	20.24	20.24	20.31	20.19	20.25	20.37
115	20.54	20.56	20.63	20.44	20.57	20.62
120	20.73	20.68	20.91	20.57	20.74	20.85
130	21.23	21.11	21.29	21.05	21.20	21.20
140	21.48	21.45	21.56	21.43	21.55	21.63
150	21.90	21.96	22.02	21.72	21.93	22.07
160	22.17	22.27	22.42	22.19	22.28	22.44
170	22.66	22.73	22.92	22.56	22.65	22.60
180	23.02	23.06	23.20	22.97	22.92	23.16
190	23.29	23.42	23.48	23.39	23.48	23.50
200	23.74	23.75	23.67	23.57	23.80	23.80
210	24.08	24.09	24.15	24.01	24.30	24.23
220	24.35	24.51	24.40	24.39	24.51	24.49
230	24.55	24.70	24.75	24.76	24.80	24.83
240	24.95	24.99	25.21	25.15	25.11	25.15
255	25.43	25.55	25.70	25.53	25.64	25.51
270	25.72	26.08	26.09	26.02	26.00	25.99
285	26.39	26.50	26.61	26.39	26.55	26.67
300	26.81	26.89	26.93	26.66	26.98	26.99
315	27.01	27.12	27.23	27.29	27.25	27.35
330	27.63	27.68	27.59	27.56	27.68	27.70
345	28.01	27.89	27.94	28.10	28.00	27.92
360	28.35	28.22	28.22	28.41	28.39	28.25
375	28.84	28.44	28.65	28.89	28.77	28.65
390	29.16	28.96	28.93	29.15	29.05	28.88
405	29.51	29.24	29.19	29.56	29.49	29.34
420	29.94	29.57	29.55	29.76	29.82	29.48
435	30.20	29.86	29.83	30.01	30.09	29.95

450	30.53	30.21	30.19	30.30	30.18	30.32
465	30.88	30.65	30.58	30.54	30.44	30.73
480	31.11	30.95	30.86	30.77	30.82	30.98

Table B.5.1.2.2. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.86	12.87	12.85	12.86	12.87	12.87
5	14.49	14.43	14.41	14.42	14.41	14.38
10	15.01	15.00	15.06	15.04	14.97	14.95
15	15.46	15.45	15.45	15.43	15.38	15.38
20	15.83	15.81	15.80	15.81	15.75	15.73
25	16.16	16.13	16.12	16.06	16.08	16.03
30	16.46	16.38	16.48	16.35	16.35	16.36
35	16.76	16.70	16.80	16.74	16.70	16.71
40	17.02	17.00	17.12	16.99	16.92	16.98
45	17.34	17.23	17.40	17.27	17.25	17.21
50	17.58	17.49	17.65	17.51	17.49	17.44
55	17.82	17.76	17.93	17.79	17.74	17.73
60	18.08	17.99	18.00	18.01	17.98	17.96
65	18.33	18.31	18.45	18.29	18.31	18.33
70	18.57	18.52	18.70	18.50	18.56	18.49
75	18.83	18.82	18.95	18.76	18.68	18.82
80	19.13	19.07	19.25	19.00	19.12	19.02
85	19.32	19.27	19.40	19.30	19.31	19.23
90	19.59	19.52	19.70	19.58	19.53	19.52
95	19.82	19.87	20.00	19.73	19.73	19.75
100	20.09	19.98	20.19	20.07	20.08	20.04
105	20.35	20.28	20.50	20.21	20.26	20.21

110	20.47	20.57	20.75	20.51	20.50	20.43
115	20.79	20.81	21.00	20.73	20.75	20.66
120	20.95	20.95	21.20	20.98	20.97	20.87
130	21.37	21.39	21.58	21.34	21.43	21.35
140	21.74	21.80	22.00	21.68	21.77	21.78
150	22.09	22.08	22.30	22.12	22.21	22.18
160	22.48	22.39	22.61	22.63	22.55	22.52
170	22.98	23.04	23.25	22.93	23.13	23.12
180	23.32	23.37	23.66	23.42	23.48	23.30
190	23.59	23.82	23.90	23.55	23.88	23.75
200	23.88	24.18	24.25	24.01	23.21	24.11
210	24.38	24.50	24.71	24.40	24.58	24.40
220	24.66	24.88	25.10	24.65	24.84	24.86
230	24.97	25.30	25.39	25.02	25.33	25.16
240	25.34	25.50	25.75	25.40	25.66	25.45
255	25.87	26.09	26.32	25.89	26.14	26.19
270	26.29	26.42	26.70	26.27	26.60	26.50
285	26.75	26.99	27.30	26.80	27.16	26.89
300	27.20	27.43	27.60	27.15	27.35	27.27
315	27.55	27.86	28.25	27.48	27.98	27.89
330	28.05	28.18	28.51	27.99	28.53	28.28
345	28.45	28.62	28.93	28.38	28.92	28.65
360	28.71	29.25	29.38	28.78	29.34	29.05
375	29.29	29.51	29.95	29.26	29.64	29.41
390	29.58	29.80	29.93	29.85	29.91	29.87
405	29.83	30.29	30.49	29.79	30.43	30.03
420	30.39	30.59	30.99	30.26	30.67	30.46
435	30.75	30.80	31.01	30.73	30.98	30.80
450	30.89	31.30	31.49	30.78	31.39	31.14
465	31.21	31.45	31.67	31.09	31.55	31.38
480	31.60	31.69	31.88	31.32	31.76	31.59

Table B.5.1.2.3. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.84	12.83	12.82	12.84	12.83
5	14.56	14.47	14.43	14.37	14.33	14.51
10	14.96	14.95	15.05	14.93	14.87	14.86
15	15.35	15.32	15.21	15.06	15.32	15.34
20	15.67	15.68	15.71	15.52	15.75	15.69
25	15.93	15.94	16.01	15.75	16.08	15.98
30	16.12	16.22	16.29	16.10	16.33	16.41
35	16.44	16.40	16.57	16.29	16.57	16.72
40	16.61	16.63	16.75	16.58	16.79	16.99
45	16.80	16.88	16.93	16.66	17.10	17.27
50	17.03	17.08	17.14	16.98	17.33	17.48
55	17.23	17.27	17.30	17.13	17.49	17.66
60	17.40	17.46	17.52	17.35	17.80	17.85
65	17.57	17.65	17.72	17.59	18.10	18.05
70	17.81	17.85	17.88	17.76	18.31	18.24
75	17.93	17.94	18.04	17.93	18.46	18.49
80	18.20	18.17	18.25	18.10	18.60	18.75
85	18.37	18.31	18.43	18.26	18.79	18.88
90	18.52	18.56	18.60	18.44	18.99	18.94
95	18.59	18.64	18.78	18.56	19.23	19.09
100	18.80	18.83	18.76	18.80	19.42	19.34
105	18.91	18.95	18.98	18.94	19.60	19.44
110	19.16	19.19	19.24	19.17	19.73	19.59
115	19.40	19.36	19.33	19.31	19.81	19.79
120	19.53	19.50	19.62	19.49	19.99	20.08
130	19.84	19.82	19.82	19.80	20.01	20.47
140	20.13	20.11	20.04	20.11	20.12	20.83
150	20.54	20.41	20.31	20.51	20.60	21.15
160	20.75	20.63	20.61	20.89	20.65	21.39
170	20.90	20.81	20.93	21.14	20.80	21.67
180	21.29	21.18	21.11	21.43	21.26	21.84

190	21.52	21.38	21.33	21.66	21.61	22.00
200	21.91	21.66	21.56	21.91	21.92	22.30
210	22.14	21.94	21.78	22.20	22.20	22.62
220	22.37	22.21	22.17	22.38	22.42	22.85
230	22.68	22.60	22.36	22.68	22.80	23.13
240	22.78	22.80	22.79	22.96	23.00	23.28
255	23.05	22.87	22.91	23.27	23.25	23.49
270	23.33	23.16	23.34	23.58	23.65	23.72
285	23.93	23.74	23.64	23.95	23.85	23.96
300	24.11	24.06	24.01	24.18	24.22	24.32
315	24.37	24.40	24.32	24.57	24.44	24.64
330	24.86	24.71	24.66	24.92	24.73	25.10
345	25.17	25.05	25.31	25.22	25.03	25.38
360	25.34	25.31	25.56	25.68	25.26	25.64
375	25.81	25.54	25.86	25.92	25.66	25.94
390	26.10	25.82	26.21	26.31	25.94	26.35
405	26.22	26.14	26.63	26.53	26.15	26.57
420	26.60	26.35	26.86	26.82	26.34	26.78
435	26.95	26.71	27.02	26.98	26.66	27.15
450	27.28	26.97	27.18	27.27	26.96	27.36
465	27.46	27.26	27.40	27.53	27.19	27.55
480	27.62	27.32	27.59	27.86	27.41	27.85

Table B.5.1.2.4. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.50, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.84	12.85	12.85	12.84	12.84
5	14.48	14.45	14.40	14.37	14.53	14.51

10	15.01	14.95	14.88	14.81	14.99	14.94
15	15.33	15.27	15.24	15.06	15.42	15.22
20	15.61	15.60	15.60	15.49	15.66	15.62
25	16.00	15.90	15.86	15.75	15.73	15.94
30	16.49	16.18	16.14	15.93	16.23	16.24
35	16.81	16.45	16.32	16.18	16.49	16.50
40	17.03	16.63	16.55	16.46	16.63	16.63
45	17.18	16.81	16.80	16.66	16.99	16.83
50	17.41	16.99	17.05	16.89	17.33	17.12
55	17.71	17.18	17.18	17.02	17.52	17.38
60	17.91	17.40	17.37	17.26	17.69	17.56
65	18.24	17.60	17.56	17.50	17.83	17.71
70	18.49	17.76	17.76	17.67	18.21	17.86
75	18.55	17.95	17.89	17.81	18.34	18.01
80	18.84	18.12	18.08	18.01	18.52	18.19
85	18.92	18.29	18.31	18.17	18.71	18.44
90	19.02	18.47	18.47	18.35	18.96	18.54
95	19.27	18.65	18.61	18.47	19.15	18.72
100	19.46	18.71	18.74	18.71	19.31	18.81
105	19.69	18.85	18.89	19.07	19.55	18.94
110	19.85	19.11	19.09	19.22	19.67	19.13
115	19.97	19.36	19.26	19.39	19.77	19.27
120	20.05	19.50	19.44	19.80	20.21	19.47
130	20.48	19.68	19.72	20.01	20.32	19.78
140	20.69	20.00	20.01	20.41	20.82	20.10
150	21.02	20.30	20.36	20.78	21.09	20.40
160	21.14	20.59	20.53	21.04	21.33	20.59
170	21.46	20.86	20.88	21.39	21.59	20.90
180	21.84	21.07	21.07	21.62	21.86	21.56
190	22.01	21.55	21.29	21.94	22.16	21.61
200	22.39	21.73	21.69	22.16	22.39	21.74
210	22.69	22.15	22.04	22.34	22.61	21.96
220	22.95	22.43	22.26	22.61	22.82	22.18
230	23.26	22.75	22.49	22.91	23.01	22.40

240	23.38	22.98	22.69	23.22	23.34	22.81
255	23.55	23.28	22.76	23.53	23.52	23.21
270	23.96	23.55	23.11	23.98	23.67	23.36
285	24.14	23.74	23.62	24.13	24.06	23.77
300	24.61	24.11	23.94	24.53	24.31	24.06
315	24.79	24.49	24.44	24.88	24.62	24.68
330	25.08	24.83	24.59	25.17	24.71	24.59
345	25.54	25.12	24.92	25.63	25.12	25.02
360	25.79	25.34	25.31	25.87	25.46	25.36
375	26.07	25.68	25.55	26.26	25.61	25.71
390	26.29	26.10	25.69	26.48	25.89	25.95
405	26.52	26.44	26.01	26.77	26.23	26.16
420	26.78	26.71	26.31	26.92	26.52	26.41
435	27.03	26.93	26.58	27.21	26.83	26.55
450	27.31	27.05	26.84	27.47	27.06	26.89
465	27.58	27.36	27.15	27.63	27.34	27.15
480	27.86	27.64	27.45	27.75	27.61	27.40

Table B.5.1.2.5. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.50, porosity 15%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.86	12.85	12.84	12.84	12.85	12.85
5	14.40	14.48	14.51	14.36	14.52	14.47
10	14.96	14.95	15.06	14.91	14.96	14.99
15	15.34	15.27	15.44	15.36	15.21	15.34
20	15.72	15.63	15.76	15.69	15.65	15.72
25	16.14	15.89	16.03	16.00	15.91	16.14
30	16.33	16.17	16.27	16.28	16.09	16.55

35	16.64	16.43	16.59	16.55	16.34	17.02
40	16.91	16.97	16.95	16.73	16.63	17.12
45	17.09	17.16	17.18	16.91	16.79	17.42
50	17.42	17.35	17.39	17.09	17.16	17.69
55	17.69	17.52	17.56	17.28	17.40	17.87
60	17.86	17.70	17.73	17.50	17.64	18.03
65	18.16	17.93	17.97	17.71	17.81	18.34
70	18.42	18.28	18.09	17.87	18.16	18.55
75	18.60	18.30	18.36	18.21	18.44	18.86
80	18.92	18.46	18.54	18.36	18.76	19.02
85	19.21	18.71	18.76	18.56	19.00	19.12
90	19.39	18.95	18.96	18.79	19.22	19.34
95	19.60	19.05	19.08	18.82	19.37	19.57
100	19.81	19.19	19.33	18.96	19.55	19.71
105	19.96	19.28	19.57	19.26	19.73	19.84
110	20.22	19.50	19.60	19.37	19.76	20.03
115	20.33	19.60	19.90	19.83	20.17	20.36
120	20.69	19.94	20.02	20.12	20.50	20.58
130	20.81	20.15	20.31	20.42	20.72	20.66
140	20.99	20.42	20.73	20.55	20.95	20.91
150	21.36	20.77	20.94	20.71	21.15	21.22
160	21.61	21.15	21.09	21.01	21.50	21.46
170	21.86	21.46	21.48	21.23	21.73	21.61
180	22.12	21.83	21.71	21.45	22.05	21.93
190	22.42	21.85	22.11	21.86	22.27	22.16
200	22.69	21.98	22.34	22.28	22.45	22.46
210	22.90	22.39	22.57	22.61	22.72	22.72
220	23.42	22.51	22.88	22.89	23.03	22.98
230	23.64	23.09	22.99	23.12	23.34	23.27
240	23.79	23.22	23.26	23.48	23.65	23.56
255	24.09	23.62	23.54	23.69	24.10	23.77
270	24.31	24.08	24.15	23.88	24.25	23.91
285	24.53	24.23	24.33	24.25	24.65	24.21
300	24.79	24.51	24.59	24.64	25.00	24.55

315	24.98	24.86	25.08	24.98	25.30	24.82
330	25.23	25.17	25.40	25.27	25.76	25.11
345	25.61	25.52	25.57	25.49	26.00	25.42
360	25.89	25.87	26.04	25.83	26.39	25.69
375	26.33	26.08	26.34	26.26	26.61	25.91
390	26.59	26.35	26.46	26.60	26.90	26.22
405	26.76	26.55	26.84	26.83	27.06	26.61
420	27.11	26.86	27.19	27.10	27.35	26.94
435	27.46	27.12	27.53	27.36	27.55	27.33
450	27.69	27.32	27.71	27.51	27.71	27.66
465	27.88	27.46	27.71	27.69	27.71	27.87
480	28.14	27.68	27.93	27.80	27.86	28.21

Table B.5.1.2.6. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 0.50, porosity 17.5%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.86	12.86	12.85	12.85	12.86	12.84
5	14.43	14.41	14.45	14.46	14.47	14.49
10	14.88	14.86	14.90	14.89	14.89	14.87
15	15.25	15.27	15.23	15.28	15.23	15.31
20	15.54	15.58	15.52	15.61	15.59	15.59
25	15.90	15.93	15.86	15.92	15.93	15.90
30	16.33	16.36	16.24	16.26	16.33	16.31
35	16.51	16.54	16.49	16.58	16.60	16.54
40	16.73	16.72	16.68	16.80	16.80	16.81
45	16.93	16.92	16.93	17.05	16.98	16.97
50	17.18	17.11	17.15	17.27	17.26	17.27
55	17.35	17.37	17.40	17.45	17.41	17.44

60	17.56	17.66	17.55	17.67	17.70	17.68
65	17.85	17.83	17.80	17.95	17.85	17.86
70	18.05	18.02	17.94	18.10	18.09	18.04
75	18.18	18.17	18.11	18.22	18.20	18.20
80	18.33	18.32	18.27	18.41	18.28	18.37
85	18.55	18.54	18.48	18.60	18.59	18.54
90	18.80	18.76	18.75	18.78	18.76	18.72
95	18.90	18.89	18.79	18.92	18.79	18.80
100	18.98	18.99	18.91	19.09	19.03	19.00
105	19.24	19.29	19.20	19.23	19.19	19.15
110	19.31	19.35	19.31	19.40	19.30	19.33
115	19.47	19.52	19.43	19.55	19.54	19.52
120	19.75	19.68	19.61	19.73	19.62	19.67
130	20.08	19.96	19.90	20.03	19.93	20.01
140	20.31	20.24	20.19	20.31	20.26	20.35
150	20.50	20.48	20.43	20.55	20.51	20.55
160	20.71	20.82	20.69	20.87	20.90	20.80
170	20.98	21.10	20.99	21.09	21.06	21.08
180	21.20	21.37	21.25	21.35	21.25	21.29
190	21.48	21.60	21.49	21.61	21.45	21.51
200	21.69	21.87	21.69	21.96	21.81	21.77
210	22.11	22.18	22.05	22.16	22.06	22.07
220	22.27	22.35	22.25	22.40	22.29	22.30
230	22.49	22.60	22.48	22.61	22.53	22.61
240	22.75	22.86	22.76	22.83	22.79	22.78
255	23.26	23.30	23.32	23.25	23.21	23.17
270	23.43	23.47	23.38	23.51	23.39	23.39
285	23.80	23.87	23.61	23.85	23.76	23.78
300	24.10	24.16	23.99	24.20	24.11	24.04
315	24.41	24.47	24.43	24.42	24.38	24.43
330	24.75	24.80	24.71	24.82	24.66	24.75
345	24.99	25.01	25.05	24.98	24.90	24.93
360	25.24	25.25	25.20	25.31	25.21	25.18
375	25.38	25.53	25.37	25.50	25.44	25.35

390	25.61	25.80	25.67	25.78	25.68	25.80
405	25.89	25.95	26.01	26.03	26.06	26.10
420	26.42	26.41	26.31	26.38	26.32	26.38
435	26.50	26.62	26.49	26.68	26.51	26.57
450	26.72	26.76	26.68	26.81	26.70	26.71
465	26.93	27.06	27.11	27.04	26.98	27.10
480	27.10	27.22	27.25	27.15	27.14	27.29

Table B.5.1.2.7. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.85	12.84	12.86	12.85	12.86	12.87
5	14.40	14.42	14.36	14.39	14.36	14.41
10	14.78	14.77	14.83	14.86	14.84	14.88
15	15.24	15.19	15.18	15.27	15.22	15.22
20	15.55	15.57	15.50	15.60	15.55	15.56
25	15.85	15.79	15.78	15.86	15.80	15.82
30	16.10	16.09	16.02	16.13	16.11	16.12
35	16.36	16.31	16.29	16.39	16.34	16.29
40	16.56	16.59	16.50	16.61	16.57	16.56
45	16.76	16.82	16.78	16.86	16.81	16.79
50	17.04	16.96	17.00	17.05	17.05	16.98
55	17.17	17.21	17.15	17.25	17.20	17.21
60	17.41	17.31	17.30	17.42	17.36	17.35
65	17.57	17.54	17.56	17.62	17.52	17.56
70	17.77	17.71	17.62	17.81	17.70	17.74
75	17.92	17.95	17.89	17.96	17.92	17.90
80	18.01	18.08	18.03	18.15	18.08	18.06

85	18.24	18.26	18.19	18.30	18.22	18.28
90	18.42	18.43	18.39	18.50	18.48	18.50
95	18.61	18.57	18.51	18.62	18.53	18.60
100	18.74	18.67	18.65	18.74	18.72	18.66
105	18.94	18.85	18.85	18.97	18.92	18.89
110	19.16	19.05	18.95	19.06	19.01	19.02
115	19.25	19.12	19.16	19.15	19.16	19.12
120	19.44	19.32	19.28	19.31	19.22	19.33
130	19.58	19.57	19.53	19.58	19.52	19.61
140	19.90	19.87	19.83	19.89	19.80	19.84
150	20.15	20.13	20.05	20.14	20.09	20.03
160	20.37	20.43	20.30	20.32	20.28	20.42
170	20.71	20.67	20.65	20.73	20.69	20.75
180	20.85	20.92	20.94	20.98	20.82	20.92
190	21.15	21.22	21.07	21.13	21.12	21.15
200	21.39	21.44	21.30	21.50	21.32	21.37
210	21.62	21.69	21.52	21.67	21.57	21.63
220	21.97	21.91	21.87	22.04	21.85	21.89
230	22.05	22.08	21.99	22.11	22.09	22.15
240	22.39	22.40	22.30	22.44	22.27	22.25
255	22.65	22.70	22.68	22.73	22.67	22.78
270	23.04	23.07	23.01	23.12	22.88	23.03
285	23.46	23.34	23.38	23.45	23.33	23.42
300	23.73	23.69	23.61	23.70	23.70	23.70
315	24.08	23.96	24.01	24.14	24.10	24.01
330	24.38	24.33	24.27	24.39	24.34	24.44
345	24.51	24.60	24.56	24.75	24.73	24.52
360	24.80	24.79	24.80	24.89	24.77	24.85
375	25.05	25.13	25.16	25.16	25.14	25.20
390	25.38	25.32	25.36	25.40	25.42	24.30
405	25.68	25.69	25.75	25.77	25.78	25.77
420	25.83	25.88	25.91	25.91	25.97	26.01
435	26.08	26.20	26.16	26.10	26.14	26.22
450	26.31	26.38	26.34	26.27	26.26	26.39

465	26.69	26.50	26.66	26.59	26.49	26.67
480	26.91	26.72	26.83	26.88	26.70	26.95

Table B.5.1.2.8. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.85	12.87	12.85	12.88	12.84	12.86
5	14.58	14.61	14.60	14.62	14.61	14.58
10	15.08	15.10	15.09	15.11	15.09	15.13
15	15.46	15.44	15.41	15.48	15.47	15.45
20	15.82	15.80	15.78	15.86	15.82	15.82
25	16.04	16.09	16.08	16.12	16.08	16.09
30	16.32	16.38	16.39	16.38	16.34	16.37
35	16.60	16.63	16.59	16.63	16.60	16.64
40	16.78	16.79	16.79	16.82	16.79	16.81
45	17.04	17.03	16.96	17.04	16.95	17.01
50	17.22	17.20	17.20	17.26	17.23	17.20
55	17.35	17.46	17.44	17.47	17.41	17.48
60	17.55	17.65	17.58	17.67	17.56	17.58
65	17.80	17.88	17.77	17.83	17.76	17.76
70	17.97	18.05	18.01	18.06	17.94	17.99
75	18.16	18.21	18.12	18.23	18.09	18.20
80	18.31	18.31	18.22	18.38	18.37	18.41
85	18.46	18.52	18.50	18.57	18.55	18.60
90	18.67	18.76	18.65	18.69	18.62	18.75
95	18.83	18.89	18.79	18.90	18.85	18.85
100	18.93	18.97	18.94	19.03	19.00	19.07
105	19.27	19.29	19.16	19.21	19.23	19.25

110	19.31	19.34	19.37	19.39	19.31	19.40
115	19.50	19.52	19.54	19.57	19.58	19.52
120	19.62	19.70	19.61	19.69	19.66	19.70
130	19.90	19.98	19.85	19.98	19.94	19.94
140	20.15	20.30	20.19	20.28	20.29	20.26
150	20.45	20.55	20.41	20.55	20.51	20.51
160	20.73	20.87	20.82	20.90	20.76	20.83
170	20.97	21.12	21.03	21.15	21.02	21.12
180	21.28	21.33	21.33	21.43	21.29	21.46
190	21.59	21.61	21.54	21.72	21.57	21.65
200	21.86	21.85	21.80	21.95	21.80	21.83
210	22.04	22.15	22.10	22.23	22.03	22.16
220	22.30	22.35	22.36	22.34	22.30	22.33
230	22.49	22.61	22.45	22.64	22.51	22.47
240	22.70	22.90	22.81	22.92	22.78	22.75
255	23.12	23.14	23.10	23.29	23.08	23.17
270	23.47	23.60	23.52	23.65	23.54	23.45
285	23.70	23.87	23.76	23.90	23.71	23.74
300	24.11	24.01	24.02	24.17	24.08	24.06
315	24.29	24.31	24.20	24.39	24.20	24.37
330	24.49	24.65	24.60	24.80	24.63	24.67
345	24.87	24.78	24.89	25.08	24.75	24.98
360	25.06	25.00	25.20	25.23	25.09	25.12
375	25.36	25.45	25.48	25.44	25.35	25.47
390	25.60	25.63	25.78	25.75	25.62	25.63
405	26.01	26.12	26.06	26.20	26.03	25.99
420	26.25	26.11	26.26	26.35	26.10	26.34
435	26.45	26.36	26.48	26.55	26.33	26.43
450	26.85	26.86	26.67	26.95	26.72	26.83
465	27.06	27.16	27.07	27.28	27.08	27.27
480	27.40	27.61	27.45	27.66	27.31	27.63

Table B.5.1.2.9. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.84	12.84	12.82	12.84	12.83
5	14.62	14.59	14.56	14.54	14.60	14.53
10	15.00	14.97	15.00	14.91	15.00	14.93
15	15.39	15.37	15.35	15.31	15.37	15.28
20	15.67	15.73	15.67	15.59	15.67	15.54
25	15.92	15.98	15.90	15.86	15.94	15.83
30	16.27	16.24	16.25	16.20	16.22	16.18
35	16.52	16.56	16.48	16.43	16.49	16.41
40	16.77	16.74	16.72	16.66	16.71	16.69
45	16.95	17.00	16.97	16.85	16.89	16.84
50	17.20	17.21	17.19	17.10	17.15	17.08
55	17.39	17.43	17.42	17.29	17.33	17.27
60	17.53	17.58	17.53	17.42	17.42	17.39
65	17.78	17.71	17.71	17.60	17.73	17.59
70	17.99	17.96	17.90	17.84	17.87	17.79
75	18.20	18.17	18.12	18.09	18.04	17.97
80	18.30	18.32	18.28	18.19	18.22	18.15
85	18.48	18.42	18.39	18.26	18.30	18.23
90	18.58	18.54	18.52	18.39	18.44	18.35
95	18.67	18.64	18.70	18.49	18.67	18.44
100	18.81	18.89	18.86	18.65	18.75	18.69
105	18.95	18.99	18.93	18.75	18.91	18.78
110	19.13	19.15	19.10	18.99	18.98	18.95
115	19.27	19.25	19.26	19.12	19.25	19.10
120	19.39	19.42	19.40	19.25	19.37	19.23
130	19.66	19.54	19.70	19.53	19.58	19.54
140	19.85	19.81	19.91	19.74	19.83	19.73
150	20.23	20.26	20.24	20.09	20.12	20.05
160	20.44	20.41	20.42	20.25	20.45	20.23
170	20.70	20.69	20.73	20.54	20.68	20.57
180	21.06	20.92	20.85	20.74	20.85	20.80

190	21.18	21.09	21.07	20.86	20.98	20.89
200	21.29	21.19	21.31	21.06	21.18	21.05
210	21.38	21.44	21.45	21.23	21.29	21.25
220	21.51	21.58	21.55	21.43	21.49	21.44
230	21.74	21.73	21.80	21.65	21.69	21.61
240	21.93	21.90	21.96	21.79	21.88	21.75
255	22.19	22.29	22.30	22.12	22.17	22.11
270	22.55	22.57	22.58	22.39	22.49	22.35
285	22.83	22.80	22.84	22.71	22.75	22.68
300	23.07	23.09	23.15	22.95	23.05	22.90
315	23.38	23.37	23.35	23.25	23.27	23.20
330	23.61	23.70	23.67	23.54	23.58	23.49
345	23.81	23.80	23.90	23.75	23.79	23.71
360	24.09	24.10	24.15	24.01	24.11	23.95
375	24.50	24.45	24.42	24.29	24.37	24.28
390	24.74	24.76	24.73	24.56	24.58	24.50
405	24.89	24.93	24.95	24.80	24.81	24.75
420	25.18	25.18	25.10	24.98	25.02	25.02
435	25.31	25.28	25.34	25.21	25.28	25.17
450	25.57	25.64	25.55	25.43	25.48	25.40
465	25.73	25.87	25.79	25.60	25.69	25.53
480	25.99	25.89	25.98	25.74	25.91	25.73

Table B.5.1.2.10. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.43, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.84	12.84	12.85	12.83	12.84

5	14.40	14.33	14.44	14.32	14.47	14.48
10	14.77	14.78	14.85	14.80	14.88	14.85
15	15.18	15.21	15.17	15.09	15.20	15.25
20	15.42	15.38	15.50	15.43	15.56	15.58
25	15.73	15.74	15.85	15.77	15.91	15.86
30	16.04	15.93	16.07	15.97	16.20	16.11
35	16.24	16.21	16.35	16.22	16.40	16.35
40	16.49	16.52	16.61	16.53	16.52	16.60
45	16.74	16.72	16.90	16.70	17.01	16.80
50	16.95	16.92	17.10	16.95	17.12	17.09
55	17.08	17.06	17.20	17.13	17.25	17.21
60	17.33	17.27	17.43	17.21	17.46	17.41
65	17.50	17.48	17.56	17.45	17.64	17.53
70	17.62	17.60	17.80	17.62	17.71	17.70
75	17.74	17.72	17.86	17.73	17.90	17.85
80	17.92	17.89	18.10	17.91	18.12	18.07
85	18.07	18.06	18.15	18.05	18.20	18.17
90	18.20	18.25	18.35	18.22	18.38	18.36
95	18.42	18.40	18.50	18.38	18.55	18.53
100	18.50	18.51	18.65	18.49	18.70	18.65
105	18.70	18.68	18.82	18.65	18.80	18.83
110	18.83	18.80	18.95	18.81	18.99	18.93
115	18.95	18.90	18.99	18.88	19.09	19.07
120	19.16	19.15	19.19	19.10	19.25	19.27
130	19.47	19.44	19.49	19.38	19.54	19.56
140	19.71	19.68	19.75	19.65	19.77	19.80
150	19.90	19.83	19.93	19.80	20.01	19.97
160	20.17	20.14	20.27	20.16	20.32	20.30
170	20.36	20.35	20.50	20.36	20.52	20.44
180	20.67	20.63	20.72	20.60	20.76	20.74
190	20.81	20.77	20.95	20.80	20.99	21.01
200	20.99	20.96	21.07	20.92	21.15	21.12
210	21.17	21.20	21.34	21.19	21.40	21.38
220	21.40	21.42	21.42	21.39	21.50	21.53

230	21.59	21.64	21.72	21.59	21.80	21.78
240	21.73	21.78	21.81	21.73	21.87	21.88
255	21.98	22.01	21.99	21.96	22.26	22.20
270	22.34	22.29	22.28	22.29	22.49	22.45
285	22.69	22.64	22.57	22.65	22.82	22.71
300	22.89	22.91	22.94	22.86	23.10	23.15
315	23.04	23.10	23.21	23.09	23.34	23.27
330	23.33	23.38	23.44	23.41	23.55	23.50
345	23.56	23.59	23.64	23.68	23.80	23.76
360	23.91	23.90	23.95	23.94	24.11	24.15
375	24.08	24.12	24.19	24.06	24.37	24.30
390	24.30	24.31	24.35	24.30	24.51	24.56
405	24.47	24.48	24.45	24.40	24.69	24.64
420	24.83	24.79	24.75	24.69	24.99	24.95
435	25.04	25.01	25.17	25.09	25.30	25.24
450	25.24	25.30	25.26	25.21	25.49	25.41
465	25.41	25.58	25.43	25.44	25.65	25.67
480	25.57	25.76	25.69	25.63	25.83	25.81

Table B.5.1.2.11. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.43, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.86	12.85	12.86	12.84	12.85	12.86
5	14.75	14.65	14.69	14.68	14.74	14.76
10	15.16	15.09	15.17	15.03	15.20	15.22
15	15.57	15.49	15.55	15.48	15.57	15.59
20	15.82	15.79	15.85	15.75	15.86	15.87
25	16.13	16.06	16.19	16.04	16.18	16.19

30	16.43	16.32	16.41	16.33	16.44	16.50
35	16.67	16.60	16.70	16.58	16.69	16.73
40	16.96	16.83	16.90	16.80	16.91	16.96
45	17.14	17.01	17.13	16.99	17.13	17.19
50	17.34	17.23	17.33	17.15	17.31	17.35
55	17.55	17.43	17.58	17.41	17.51	17.57
60	17.71	17.63	17.76	17.64	17.74	17.76
65	17.91	17.85	17.88	17.83	17.93	17.96
70	18.09	17.95	18.12	17.91	18.12	18.13
75	18.27	18.17	18.25	18.12	18.23	18.27
80	18.42	18.30	18.44	18.27	18.41	18.45
85	18.59	18.44	18.63	18.39	18.50	18.53
90	18.76	18.66	18.71	18.61	18.75	18.73
95	18.93	18.80	18.91	18.82	18.95	18.89
100	19.02	18.90	19.05	18.83	18.95	18.99
105	19.17	18.98	19.14	18.93	19.07	19.20
110	19.24	19.10	19.27	19.09	19.30	19.31
115	19.44	19.33	19.47	19.31	19.39	19.44
120	19.54	19.45	19.56	19.41	19.48	19.58
130	19.91	19.75	19.81	19.71	19.79	19.98
140	20.22	20.09	20.16	20.05	20.19	20.15
150	20.49	20.31	20.44	20.30	20.50	20.43
160	20.58	20.45	20.60	20.40	20.55	20.60
170	20.81	20.70	20.81	20.68	20.85	20.90
180	21.03	20.93	21.10	20.94	21.11	21.15
190	21.25	21.18	21.36	21.11	21.38	21.30
200	21.50	21.39	21.57	21.40	21.49	21.55
210	21.78	21.66	21.80	21.76	21.82	21.86
220	21.89	21.87	22.09	21.85	21.95	22.00
230	22.07	22.01	22.23	21.93	22.10	22.16
240	22.31	22.12	22.30	22.13	22.21	22.29
255	22.56	22.45	22.55	22.43	22.54	22.60
270	22.90	22.81	23.00	22.86	22.93	22.89
285	23.15	23.03	23.29	23.11	23.09	23.15

300	23.42	23.28	23.50	23.29	23.26	23.30
315	23.59	23.49	23.63	23.48	23.42	23.65
330	23.85	23.80	23.95	23.79	23.87	23.92
345	24.21	24.15	24.24	24.22	24.11	24.28
360	24.57	24.38	24.58	24.45	24.52	24.56
375	24.61	24.49	24.71	24.58	24.73	24.74
390	24.90	24.79	24.95	24.75	24.82	24.90
405	24.90	25.05	25.25	24.95	25.18	25.29
420	25.58	25.38	25.60	25.34	25.47	25.61
435	25.69	25.58	25.67	25.56	25.61	25.71
450	25.98	25.81	26.01	25.76	25.85	25.99
465	26.09	26.00	26.20	25.93	26.01	26.23
480	26.35	26.33	26.58	26.21	26.40	26.41

Table B.5.1.2.12. Consecutive hydration diameters of round blank Xanthan Gum tablets, R/D 1.43, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.83	12.82	12.82	12.83	12.83
5	15.48	15.35	15.18	15.41	15.28	15.23
10	15.46	15.46	15.34	15.48	15.43	15.46
15	15.62	15.59	15.53	15.65	15.66	15.71
20	15.82	15.78	15.82	15.84	15.90	15.90
25	16.04	15.96	15.99	15.96	16.05	16.06
30	16.10	16.08	16.15	16.07	16.15	16.20
35	16.25	16.28	16.34	16.25	16.34	16.34
40	16.43	16.39	16.47	16.39	16.46	16.46
45	16.58	16.52	16.67	16.50	16.66	16.66
50	16.67	16.69	16.85	16.68	16.77	16.82

55	16.84	16.82	16.95	16.78	16.93	16.88
60	16.95	16.93	17.05	16.90	17.01	16.99
65	17.10	17.06	17.17	16.99	17.16	17.14
70	17.16	17.08	17.31	17.13	17.21	17.23
75	17.26	17.22	17.43	17.21	17.33	17.29
80	17.39	17.33	17.56	17.27	17.48	17.41
85	17.54	17.49	17.67	17.34	17.53	17.48
90	17.56	17.53	17.76	17.57	17.66	17.57
95	17.64	17.62	17.80	17.60	17.71	17.68
100	17.71	17.66	17.88	17.67	17.86	17.72
105	17.87	17.77	18.00	17.79	17.94	17.83
110	17.84	17.84	18.07	17.84	17.99	17.91
115	18.01	17.91	18.12	17.92	18.05	17.93
120	18.07	18.04	18.20	18.02	18.15	18.04
130	18.25	18.14	18.38	18.23	18.31	18.15
140	18.38	18.37	18.65	18.38	18.49	18.41
150	18.49	18.43	18.72	18.48	18.59	18.46
160	18.70	18.58	18.91	18.60	18.81	18.61
170	18.86	18.76	19.06	18.74	18.94	18.78
180	18.97	18.92	19.18	18.85	18.99	18.80
190	19.05	18.99	19.34	18.99	19.18	19.01
200	19.23	19.07	19.44	19.21	19.33	19.13
210	19.29	19.31	19.55	19.35	19.46	19.28
220	19.51	19.47	19.72	19.44	19.64	19.40
230	19.58	19.53	19.91	19.58	19.74	19.53
240	19.75	19.72	20.00	19.73	19.88	19.66
255	19.99	19.85	20.21	19.93	20.15	19.90
270	20.17	20.09	20.31	20.08	20.28	19.97
285	20.40	20.36	20.57	20.18	20.42	20.11
300	20.44	20.39	20.65	20.42	20.56	20.30
315	20.56	20.50	20.80	20.52	20.70	20.46
330	20.73	20.62	20.97	20.58	20.78	20.53
345	20.85	20.73	21.12	20.80	20.99	20.79
360	21.06	20.99	21.23	20.87	21.08	20.86

375	21.09	21.03	21.44	21.12	21.26	21.05
390	21.25	21.20	21.59	21.23	21.40	21.11
405	21.38	21.27	21.67	21.26	21.50	21.16
420	21.42	21.36	21.74	21.40	21.63	21.23
435	21.54	21.52	21.79	21.48	21.69	21.28
450	21.66	21.63	21.95	21.62	21.76	21.36
465	21.81	21.75	22.09	21.83	21.85	21.57
480	21.89	21.91	22.21	21.98	21.96	21.71

Table B.5.1.2.13. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.83	12.84	12.84	12.83	12.84
5	15.25	15.19	15.34	15.39	15.19	15.39
10	15.54	15.43	15.58	15.55	15.46	15.61
15	15.70	15.62	15.76	15.73	15.62	15.70
20	15.87	15.78	15.82	15.89	15.81	15.87
25	15.98	15.97	16.00	16.05	16.00	16.00
30	16.11	16.12	16.10	16.15	16.14	16.21
35	16.21	16.19	16.23	16.29	16.27	16.28
40	16.33	16.31	16.31	16.51	16.44	16.41
45	16.53	16.52	16.56	16.61	16.60	16.59
50	16.62	16.66	16.69	16.75	16.64	16.71
55	16.72	16.76	16.82	16.84	16.81	16.82
60	16.85	16.81	16.89	16.90	16.92	16.93
65	16.96	16.90	17.03	17.14	17.05	16.97
70	17.03	17.11	17.14	17.19	17.23	17.15
75	17.15	17.19	17.23	17.30	17.41	17.28

80	17.26	17.23	17.31	17.41	17.47	17.40
85	17.39	17.35	17.42	17.43	17.54	17.47
90	17.39	17.40	17.45	17.50	17.55	17.45
95	17.48	17.51	17.56	17.66	17.63	17.55
100	17.51	17.54	17.64	17.72	17.75	17.70
105	17.62	17.69	17.72	17.83	17.89	17.83
110	17.78	17.80	17.85	17.95	17.86	17.87
115	17.82	17.89	17.92	18.01	18.01	17.94
120	17.94	17.98	17.99	18.13	18.16	18.03
130	18.02	18.13	18.17	18.25	18.32	18.24
140	18.25	18.30	18.32	18.41	18.44	18.31
150	18.40	18.47	18.50	18.58	18.57	18.43
160	18.63	18.64	18.68	18.77	18.78	18.68
170	18.62	18.74	18.79	18.89	18.85	18.73
180	18.87	18.82	18.85	19.01	19.10	18.93
190	18.97	18.98	19.05	19.21	19.24	19.07
200	19.14	19.10	19.21	19.32	19.29	19.19
210	19.19	19.24	19.30	19.46	19.41	19.23
220	19.32	19.38	19.39	19.61	19.57	19.43
230	19.48	19.47	19.57	19.67	19.73	19.55
240	19.66	19.64	19.66	19.81	19.81	19.58
255	19.76	19.77	19.86	20.08	20.12	19.80
270	19.92	19.92	19.98	20.15	20.22	19.98
285	20.14	20.11	20.22	20.39	20.42	20.23
300	20.23	20.20	20.29	20.49	20.56	20.33
315	20.38	20.32	20.48	20.62	20.61	20.37
330	20.54	20.52	20.62	20.81	20.82	20.54
345	20.67	20.75	20.88	21.01	20.99	20.78
360	20.79	20.77	20.93	21.08	21.09	20.84
375	20.93	20.99	21.03	21.20	21.29	21.05
390	21.05	21.01	21.16	21.36	21.32	21.14
405	21.20	21.15	21.28	21.51	21.33	21.26
420	21.38	21.25	21.50	21.72	21.50	21.36
435	21.41	21.39	21.59	21.79	21.68	21.55

450	21.70	21.63	21.63	21.95	21.75	21.69
465	21.77	21.75	21.83	22.09	21.96	21.75
480	21.84	21.93	21.94	22.16	22.02	21.83

Table B.5.1.2.14. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.84	12.83	12.84	12.85	12.84
5	15.31	15.33	15.51	15.41	15.43	15.50
10	15.53	15.63	15.70	15.63	15.55	15.69
15	15.70	15.81	15.88	15.85	15.72	15.91
20	15.88	16.08	16.07	15.99	15.86	16.05
25	16.08	16.19	16.19	16.18	16.01	16.24
30	16.24	16.42	16.33	16.34	16.29	16.39
35	16.38	16.64	16.48	16.47	16.51	16.65
40	16.52	16.73	16.58	16.55	16.61	16.72
45	16.62	16.82	16.71	16.81	16.60	16.84
50	16.74	17.00	16.86	16.94	16.77	17.01
55	16.85	17.10	16.91	17.09	16.83	17.18
60	16.96	17.14	17.02	17.15	16.95	17.20
65	17.05	17.23	17.15	17.26	17.04	17.00
70	17.15	17.39	17.28	17.41	17.16	17.40
75	17.24	17.45	17.41	17.53	17.27	17.48
80	17.34	17.57	17.48	17.62	17.44	17.65
85	17.44	17.63	17.52	17.65	17.50	17.71
90	17.49	17.71	17.63	17.69	17.58	17.76
95	17.59	17.79	17.73	17.85	17.64	17.86
100	17.68	17.90	17.77	17.90	17.68	17.94

105	17.73	17.94	17.83	17.97	17.77	18.03
110	17.81	17.99	17.92	18.03	17.89	18.11
115	17.89	18.06	18.00	18.06	17.93	18.15
120	17.99	18.17	18.03	18.15	17.97	18.27
130	18.14	18.33	18.24	18.35	18.19	18.44
140	18.32	18.53	18.41	18.46	18.30	18.64
150	18.49	18.65	18.58	18.65	18.51	18.79
160	18.60	18.82	18.70	18.78	18.57	18.99
170	18.72	18.93	18.93	18.95	18.70	19.11
180	18.93	19.18	19.04	19.15	18.92	19.21
190	19.02	19.33	19.20	19.27	19.07	19.35
200	19.13	19.48	19.30	19.55	19.23	19.50
210	19.28	19.59	19.41	19.61	19.34	19.61
220	19.47	19.72	19.59	19.63	19.49	19.75
230	19.51	19.83	19.66	19.81	19.59	19.92
240	19.65	19.97	19.78	19.93	19.72	20.02
255	19.79	20.21	20.08	20.12	19.93	20.23
270	20.00	20.33	20.14	20.21	20.07	20.33
285	20.23	20.52	20.41	20.48	20.32	20.49
300	20.32	20.73	20.49	20.61	20.39	20.65
315	20.48	20.93	20.68	20.74	20.65	20.77
330	20.60	21.03	20.82	20.85	20.67	20.98
345	20.72	21.14	20.93	20.98	20.81	21.05
360	20.87	21.35	21.05	21.18	20.88	21.18
375	20.93	21.51	21.17	21.34	21.01	21.29
390	21.11	21.63	21.32	21.41	21.28	21.36
405	21.29	21.78	21.40	21.55	21.41	21.58
420	21.35	21.85	21.48	21.57	21.47	21.69
435	21.55	22.06	21.69	21.68	21.62	21.85
450	21.66	22.24	21.89	21.95	21.75	22.02
465	21.84	22.37	21.94	22.10	21.91	22.19
480	21.95	22.52	22.07	22.18	22.11	22.13

Table B.5.1.2.15. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.81	12.82	12.82	12.82	12.82	12.82
5	15.36	15.34	15.36	15.37	15.43	15.33
10	15.43	15.49	15.53	15.60	15.60	15.47
15	15.62	15.68	15.69	15.71	15.72	15.69
20	15.81	15.92	15.73	15.96	15.89	15.83
25	16.05	16.01	15.86	16.12	16.05	15.96
30	16.15	16.16	16.05	16.19	16.13	16.13
35	16.30	16.26	16.12	16.26	16.25	16.32
40	16.41	16.39	16.35	16.43	16.33	16.39
45	16.54	16.54	16.49	16.52	16.42	16.55
50	16.74	16.62	16.68	16.72	16.61	16.72
55	16.80	16.74	16.79	16.81	16.83	16.75
60	16.90	16.83	16.91	16.93	16.99	16.83
65	16.94	16.92	17.01	16.98	17.11	16.98
70	17.17	17.01	17.10	17.05	17.16	17.06
75	17.20	17.10	17.16	17.12	17.25	17.08
80	17.28	17.28	17.25	17.26	17.34	17.27
85	17.43	17.37	17.39	17.33	17.42	17.32
90	17.46	17.43	17.46	17.44	17.51	17.36
95	17.52	17.47	17.55	17.52	17.62	17.40
100	17.57	17.49	17.61	16.61	17.68	17.50
105	17.67	17.56	17.77	17.68	17.73	17.63
110	17.74	17.62	17.82	17.74	17.81	17.74
115	17.85	17.74	17.86	17.82	17.93	17.82
120	17.89	17.82	17.93	17.84	18.01	17.90
130	17.96	17.96	17.95	17.96	18.06	17.99
140	18.04	18.06	17.99	18.11	18.15	18.10
150	18.16	18.26	18.13	18.29	18.31	18.21
160	18.34	18.29	18.31	18.36	18.42	18.30
170	18.33	18.39	18.39	18.46	18.50	18.42
180	18.43	18.55	18.46	18.59	18.59	18.57

190	18.60	18.61	18.61	18.68	18.67	18.61
200	18.76	18.80	18.78	18.76	18.73	18.76
210	18.86	18.83	18.86	18.83	18.88	18.81
220	19.02	18.93	18.93	18.95	19.01	18.93
230	19.14	19.04	19.04	19.03	19.21	19.07
240	19.14	19.09	19.11	19.14	19.29	19.15
255	19.33	19.17	19.18	19.25	19.34	19.29
270	19.31	19.38	19.32	19.42	19.40	19.46
285	19.52	19.45	19.48	19.49	19.49	19.61
300	19.70	19.63	19.56	19.66	19.61	19.80
315	19.84	19.75	19.69	19.84	19.78	19.89
330	19.93	19.93	19.78	20.00	19.93	19.99
345	20.02	20.07	19.91	20.18	20.21	20.26
360	20.19	20.30	20.15	20.33	20.34	20.32
375	20.34	20.38	20.29	20.44	20.44	20.34
390	20.51	20.48	20.46	20.59	20.59	20.55
405	20.53	20.59	20.61	20.65	20.72	20.80
420	20.75	20.68	20.79	20.78	20.82	20.76
435	20.84	20.85	20.91	20.89	21.07	20.88
450	21.00	20.96	21.11	21.05	21.24	20.95
465	21.11	21.17	21.28	21.26	21.33	21.17
480	21.30	21.27	21.42	21.53	21.49	21.36

Table B.5.1.2.16. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.82	12.82	12.81	12.82	12.83
5	15.34	15.33	15.44	15.31	15.36	15.35

10	15.58	15.46	15.66	15.71	15.62	15.54
15	15.81	15.71	15.78	15.90	15.96	15.65
20	16.02	15.94	15.91	16.00	16.11	15.90
25	16.11	16.11	16.04	16.14	16.26	16.04
30	16.26	16.28	16.21	16.22	16.38	16.13
35	16.29	16.39	16.37	16.34	16.59	16.18
40	16.49	16.51	16.44	16.43	16.68	16.36
45	16.64	16.56	16.62	16.55	16.83	16.49
50	16.76	16.69	16.78	16.74	16.96	16.65
55	16.84	16.82	16.93	16.84	17.04	16.74
60	16.93	16.93	17.05	16.89	17.15	16.82
65	17.02	17.06	17.11	16.97	17.23	16.91
70	17.11	17.15	17.21	17.10	17.44	16.98
75	17.23	17.31	17.35	17.19	17.51	17.05
80	17.38	17.39	17.42	17.31	17.56	17.19
85	17.47	17.46	17.55	17.43	17.62	17.26
90	17.57	17.58	17.63	17.48	17.70	17.37
95	17.62	17.60	17.69	17.50	17.76	17.45
100	17.67	17.69	17.84	17.62	17.84	17.49
105	17.73	17.81	17.91	17.66	17.87	17.61
110	17.85	17.92	18.02	17.75	17.95	17.67
115	17.93	18.03	18.11	17.94	18.02	17.72
120	18.07	18.11	18.18	18.01	18.13	17.77
130	18.14	18.16	18.26	18.10	18.26	17.95
140	18.25	18.25	18.34	18.22	18.38	18.04
150	18.37	18.35	18.51	18.29	18.52	18.22
160	18.40	18.39	18.63	18.33	18.60	18.23
170	18.50	18.52	18.70	18.41	18.72	18.32
180	18.66	18.61	18.77	18.59	18.75	18.52
190	18.72	18.69	18.83	18.74	18.91	18.61
200	18.91	18.83	18.96	18.91	19.15	18.69
210	18.94	18.99	19.13	18.99	19.18	18.75
220	19.04	19.09	19.25	19.04	19.30	18.87
230	19.15	19.15	19.34	19.11	19.36	18.95

240	19.20	19.26	19.46	19.28	19.47	19.06
255	19.29	19.33	19.58	19.32	19.71	19.24
270	19.50	19.51	19.71	19.46	19.82	19.34
285	19.57	19.66	19.86	19.51	19.95	19.41
300	19.75	19.73	19.98	19.73	20.07	19.65
315	19.87	19.80	20.11	19.90	20.16	19.76
330	20.05	19.96	20.23	20.02	20.28	19.92
345	20.19	20.16	20.37	20.16	20.40	20.10
360	20.42	20.24	20.42	20.32	20.63	20.25
375	20.50	20.41	20.66	20.34	20.67	20.36
390	20.60	20.55	20.74	20.57	20.82	20.51
405	20.71	20.69	20.89	20.68	21.02	20.62
420	20.86	20.77	20.94	20.68	21.15	20.70
435	21.04	20.86	21.16	20.79	21.22	20.81
450	21.16	21.01	21.25	20.96	21.37	20.97
465	21.32	21.18	21.38	21.14	21.48	21.18
480	21.46	21.38	21.52	21.33	21.58	21.35

Table B.5.1.2.17. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 15%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.83	12.83	12.84	12.83	12.83	12.83
5	15.40	15.31	15.33	15.36	15.36	15.40
10	15.64	15.55	15.61	15.55	15.59	15.53
15	15.90	15.69	15.72	15.63	15.82	15.72
20	16.05	15.81	15.97	15.83	15.96	15.91
25	16.20	16.11	16.11	16.02	16.09	16.15

30	16.31	16.21	16.20	16.19	16.26	16.25
35	16.52	16.30	16.25	16.32	16.45	16.40
40	16.61	16.36	16.43	16.45	16.52	16.51
45	16.76	16.52	16.56	16.57	16.68	16.64
50	16.89	16.69	16.72	16.69	16.85	16.84
55	16.97	16.88	16.82	16.83	16.89	16.90
60	17.08	17.01	16.90	16.99	16.97	17.00
65	17.16	17.12	16.99	17.12	17.12	17.05
70	17.37	17.24	17.06	17.23	17.20	17.28
75	17.44	17.32	17.13	17.36	17.22	17.31
80	17.49	17.39	17.27	17.42	17.41	17.39
85	17.55	17.41	17.34	17.55	17.46	17.54
90	17.63	17.55	17.45	17.59	17.50	17.57
95	17.69	17.63	17.53	17.68	17.54	17.63
100	17.77	17.72	17.57	17.76	17.64	17.68
105	17.80	17.84	17.69	17.88	17.77	17.78
110	17.88	17.88	17.75	17.96	17.88	17.85
115	17.94	17.95	17.80	18.01	17.96	17.96
120	18.06	18.00	17.85	18.11	18.04	18.00
130	18.19	18.09	18.03	18.16	18.13	18.07
140	18.31	18.21	18.12	18.24	18.25	18.15
150	18.45	18.31	18.30	18.39	18.36	18.27
160	18.53	18.33	18.31	18.52	18.45	18.45
170	18.65	18.42	18.40	18.59	18.57	18.44
180	18.68	18.54	18.60	18.71	18.72	18.54
190	18.83	18.63	18.69	18.85	18.76	18.72
200	19.07	18.72	18.77	18.93	18.91	18.88
210	19.10	18.82	18.83	19.03	18.96	18.98
220	19.22	18.99	18.95	19.18	19.08	19.14
230	19.28	19.07	19.04	19.26	19.22	19.26
240	19.39	19.20	19.15	19.44	19.30	19.26
255	19.63	19.26	19.33	19.48	19.45	19.43
270	19.74	19.43	19.43	19.60	19.62	19.63
285	19.87	19.56	19.50	19.71	19.77	19.82

300	19.99	19.71	19.74	19.86	19.96	19.96
315	20.08	19.82	19.85	20.01	20.05	20.05
330	20.20	19.88	20.01	20.19	20.15	20.14
345	20.32	20.11	20.19	20.23	20.42	20.32
360	20.55	20.32	20.34	20.37	20.48	20.47
375	20.59	20.40	20.45	20.50	20.50	20.64
390	20.74	20.49	20.60	20.61	20.72	20.66
405	20.94	20.71	20.71	20.76	20.97	20.88
420	21.07	20.86	20.79	20.87	20.93	21.03
435	21.26	20.97	20.90	21.00	21.05	21.18
450	21.39	21.06	21.06	21.06	21.12	21.28
465	21.44	21.14	21.28	21.13	21.34	21.39
480	21.61	21.25	21.40	21.34	21.44	21.54

Table B.5.1.2.18. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 0.50, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.81	12.82	12.81	12.82	12.82
5	16.08	15.54	15.46	15.29	15.40	15.47
10	15.87	15.64	15.41	15.43	15.51	15.51
15	15.74	15.67	15.51	15.53	15.61	15.56
20	15.90	15.84	15.70	15.69	15.82	15.84
25	15.92	15.86	15.86	15.86	15.95	15.93
30	16.04	15.97	15.95	15.91	16.05	16.03
35	16.09	16.12	16.07	16.06	16.14	16.15
40	16.20	16.25	16.19	16.18	16.25	16.28
45	16.35	16.36	16.32	16.33	16.39	16.41
50	16.43	16.46	16.45	16.42	16.51	16.52

55	16.55	16.57	16.62	16.56	16.60	16.65
60	16.63	16.68	16.66	16.61	16.71	16.73
65	16.75	16.80	16.78	16.70	16.78	16.80
70	16.86	16.89	16.82	16.80	16.90	16.89
75	16.95	17.04	16.95	16.88	17.03	17.01
80	17.09	17.12	17.07	17.01	17.09	17.12
85	17.20	17.19	17.14	17.10	17.17	17.21
90	17.28	17.29	17.23	17.16	17.25	17.31
95	17.33	17.36	17.30	17.28	17.39	17.36
100	17.38	17.39	17.36	17.35	17.44	17.40
105	17.41	17.45	17.46	17.44	17.52	17.51
110	17.50	17.56	17.56	17.50	17.62	17.59
115	17.59	17.60	17.61	17.55	17.66	17.64
120	17.63	17.69	17.64	17.59	17.73	17.72
130	17.79	17.87	17.81	17.78	17.81	17.85
140	17.86	17.99	17.95	17.91	18.08	18.05
150	18.02	18.09	18.06	18.05	18.14	18.16
160	18.20	18.26	18.21	18.15	18.20	18.28
170	18.32	18.39	18.30	18.31	18.42	18.44
180	18.45	18.54	18.41	18.41	18.55	18.56
190	18.55	18.59	18.58	18.51	18.63	18.66
200	18.63	18.70	18.64	18.69	18.72	18.76
210	18.76	18.83	18.79	18.72	18.88	18.91
220	18.83	18.91	18.90	18.83	18.94	18.99
230	18.95	19.05	18.99	19.00	19.08	19.13
240	19.08	19.12	19.10	19.09	19.12	19.23
255	19.20	19.32	19.30	19.21	19.35	19.41
270	19.41	19.46	19.35	19.32	19.44	19.55
285	19.46	19.60	19.53	19.49	19.61	19.68
300	19.55	19.72	19.71	19.81	19.77	19.82
315	19.71	19.80	19.80	19.79	19.85	19.90
330	19.83	19.95	19.92	19.91	19.98	20.08
345	20.02	20.10	20.04	20.07	20.12	20.18
360	20.15	20.25	20.21	20.19	20.26	20.32

375	20.29	20.40	20.34	20.29	20.41	20.45
390	20.34	20.54	20.44	20.40	20.56	20.59
405	20.46	20.68	20.58	20.50	20.66	20.71
420	20.61	20.77	20.69	20.65	20.80	20.88
435	20.73	20.90	20.80	20.75	20.91	20.96
450	20.85	20.95	20.86	20.83	20.97	21.08
465	21.02	21.09	21.03	20.93	21.09	21.21
480	21.18	21.22	21.19	21.01	21.12	21.32

Table B.5.1.2.19. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.83	12.82	12.82	12.81	12.83
5	15.66	15.35	15.25	15.30	15.36	15.60
10	15.80	15.46	15.44	15.43	15.50	15.74
15	15.79	15.66	15.51	15.59	15.59	15.73
20	15.89	15.77	15.67	15.72	15.76	15.80
25	15.95	15.91	15.79	15.81	15.82	15.96
30	16.04	15.99	15.93	16.00	15.99	16.10
35	16.15	16.31	16.01	16.12	16.09	16.25
40	16.26	16.42	16.18	16.15	16.21	16.35
45	16.36	16.43	16.30	16.37	16.33	16.52
50	16.49	16.56	16.44	16.45	16.45	16.59
55	16.62	16.63	16.52	16.56	16.59	16.78
60	16.75	16.77	16.66	16.55	16.78	16.80
65	16.96	16.88	16.79	16.77	16.82	16.93
70	17.05	17.03	16.95	16.99	16.93	17.11
75	17.13	17.20	17.10	17.05	17.00	17.23

80	17.24	17.26	17.15	17.12	17.11	17.28
85	17.33	17.33	17.25	17.20	17.23	17.40
90	17.42	17.38	17.30	17.38	17.33	17.41
95	17.40	17.44	17.35	17.45	17.39	17.47
100	17.42	17.48	17.39	17.48	17.42	17.52
105	17.49	17.51	17.43	17.45	17.45	17.56
110	17.60	17.63	17.57	17.61	17.53	17.65
115	17.65	17.67	17.61	17.62	17.61	17.72
120	17.74	17.72	17.65	17.72	17.72	17.82
130	17.85	17.90	17.79	17.95	17.63	17.96
140	17.97	18.06	17.93	18.01	17.74	18.15
150	18.20	18.18	18.01	18.23	17.91	18.28
160	18.31	18.35	18.29	18.33	18.06	18.37
170	18.44	18.39	18.31	18.38	18.18	18.49
180	18.53	18.53	18.43	18.41	18.25	18.60
190	18.69	18.65	18.48	18.62	18.30	18.73
200	18.77	18.77	18.65	18.73	18.46	18.88
210	18.89	18.91	18.80	18.77	18.53	18.97
220	19.01	19.05	18.89	18.96	18.69	19.17
230	19.09	19.12	19.05	18.87	18.83	19.29
240	19.17	19.25	19.13	19.01	18.94	19.38
255	19.34	19.39	19.31	19.19	19.16	19.48
270	19.52	19.48	19.42	19.35	19.29	19.66
285	19.66	19.68	19.59	19.55	19.43	19.73
300	19.79	19.85	19.72	19.69	19.46	19.98
315	19.91	19.92	19.83	19.74	19.52	20.06
330	20.09	20.03	19.95	19.83	19.75	20.18
345	20.15	20.12	20.04	20.08	19.88	20.27
360	20.35	20.29	20.24	20.11	20.03	20.42
375	20.51	20.45	20.40	20.27	20.20	20.59
390	20.64	20.54	20.41	20.38	20.29	20.76
405	20.77	20.68	20.56	20.47	20.41	20.84
420	20.92	20.80	20.71	20.59	20.55	20.96
435	20.99	20.94	20.83	20.81	20.79	20.97

450	21.05	20.99	20.88	20.92	20.88	21.11
465	21.13	21.08	20.98	20.80	20.89	21.30
480	21.28	21.22	21.15	21.11	21.09	21.37

Table B.5.1.2.20. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.84	12.84	12.85	12.84	12.84
5	15.44	15.43	15.51	15.48	15.55	15.41
10	15.50	15.58	15.50	15.59	16.66	15.61
15	15.62	15.78	15.55	15.80	15.73	15.66
20	15.77	15.86	15.67	15.88	15.86	15.77
25	15.89	16.00	15.85	15.99	16.00	15.98
30	16.06	16.18	15.96	16.12	16.17	16.11
35	16.18	16.29	16.07	16.25	16.23	16.32
40	16.32	16.40	16.24	16.35	16.45	16.41
45	16.40	16.48	16.36	16.44	16.52	16.52
50	16.55	16.61	16.42	16.56	16.60	16.66
55	16.67	16.74	16.62	16.61	16.70	16.80
60	16.75	16.88	16.70	16.81	16.88	16.91
65	16.87	16.96	16.86	16.86	16.98	16.97
70	17.00	17.07	16.92	16.95	17.10	17.12
75	17.12	17.16	16.99	17.05	17.16	17.17
80	17.20	17.26	17.11	17.10	17.23	17.31
85	17.29	17.38	17.22	17.18	17.40	17.38
90	17.38	17.38	17.26	17.27	17.43	17.41
95	17.47	17.51	17.34	17.31	17.49	17.47
100	17.53	17.57	17.44	17.39	17.55	17.57

105	17.60	17.70	17.56	17.48	17.63	17.68
110	17.69	17.74	17.63	17.54	17.66	17.71
115	17.75	17.80	17.66	17.54	17.77	17.76
120	17.81	17.93	17.71	17.66	17.85	17.91
130	17.99	18.03	17.88	17.87	18.05	18.07
140	18.13	18.22	18.02	17.98	18.19	18.22
150	18.28	18.31	18.16	18.04	18.27	18.35
160	18.43	18.50	18.25	18.26	18.40	18.51
170	18.50	18.61	18.49	18.33	18.51	18.62
180	18.64	18.75	18.53	18.39	18.65	18.73
190	18.72	18.88	18.65	18.52	18.79	18.89
200	18.81	19.05	18.79	18.61	18.86	19.03
210	18.99	19.16	18.87	18.79	18.99	19.14
220	19.09	19.23	18.99	18.94	19.15	19.29
230	19.18	19.30	19.15	19.03	19.19	19.35
240	19.35	19.48	19.18	19.14	19.38	19.44
255	19.49	19.59	19.32	19.26	19.56	19.55
270	19.60	19.71	19.49	19.35	19.70	19.77
285	19.82	19.84	19.63	19.57	19.79	19.90
300	19.99	19.97	19.77	19.68	19.99	20.06
315	19.99	20.10	20.01	19.86	20.13	20.22
330	20.12	20.32	20.09	19.99	20.19	20.33
345	20.32	20.46	20.24	20.09	20.37	20.47
360	20.36	20.50	20.33	20.22	20.48	20.62
375	20.51	20.76	20.43	20.35	20.52	20.70
390	20.62	20.82	20.64	20.43	20.69	20.82
405	20.76	20.88	20.72	20.56	20.82	20.97
420	20.93	21.06	20.82	20.67	20.94	21.14
435	21.01	21.10	20.93	20.83	21.05	21.16
450	21.08	21.15	20.99	20.89	21.16	21.36
465	21.15	21.22	21.09	20.96	21.25	21.42
480	21.21	21.24	21.16	21.11	21.31	21.44

Table B.5.1.2.21. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.83	12.84	12.83	12.83	12.83
5	15.23	15.55	15.83	15.62	15.42	15.34
10	15.31	15.54	15.61	15.61	15.41	15.36
15	15.43	15.66	15.82	15.70	15.59	15.51
20	15.63	15.87	15.89	15.87	15.78	15.66
25	15.79	16.01	16.02	15.99	15.92	15.73
30	15.89	16.07	16.07	16.06	16.02	15.84
35	16.04	16.20	16.20	16.13	16.15	16.01
40	16.10	16.29	16.38	16.31	16.25	16.10
45	16.21	16.41	16.39	16.40	16.32	16.22
50	16.34	16.56	16.51	16.52	16.48	16.37
55	16.48	16.67	16.63	16.61	16.54	16.44
60	16.57	16.83	16.71	16.68	16.61	16.56
65	16.65	16.85	16.82	16.82	16.74	16.63
70	16.75	16.93	16.89	16.93	16.87	16.76
75	16.83	17.09	17.01	16.99	16.94	16.81
80	16.97	17.18	17.12	17.10	17.05	16.94
85	17.02	17.26	17.19	17.14	17.18	17.03
90	17.09	17.34	17.32	17.27	17.23	17.12
95	17.13	17.37	17.38	17.31	17.22	17.16
100	17.25	17.46	17.40	17.36	17.32	17.21
105	17.36	17.58	17.47	17.51	17.41	17.33
110	17.41	17.65	17.58	17.55	17.49	17.36
115	17.53	17.73	17.68	17.62	17.58	17.48
120	17.60	17.83	17.76	17.66	17.68	17.58
130	17.74	17.97	17.93	17.90	17.83	17.71
140	17.91	18.11	18.08	18.03	17.95	17.79
150	17.97	18.15	18.12	18.12	18.10	17.95
160	18.08	18.19	18.21	18.22	18.23	18.05
170	18.20	18.24	18.35	18.33	18.35	18.27
180	18.32	18.36	18.49	18.46	18.51	18.34

190	18.41	18.51	18.60	18.53	18.62	18.45
200	18.48	18.59	18.78	18.74	18.71	18.58
210	18.62	18.71	18.81	18.86	18.82	18.70
220	18.74	18.82	18.91	18.98	18.96	18.81
230	18.84	18.86	19.02	19.08	19.07	18.89
240	18.96	18.92	19.11	19.16	19.10	18.98
255	19.10	19.10	19.42	19.30	19.27	19.21
270	19.33	19.28	19.46	19.45	19.49	19.31
285	19.40	19.39	19.59	19.60	19.55	19.42
300	19.54	19.57	19.65	19.69	19.70	19.61
315	19.67	19.68	19.82	19.85	19.81	19.83
330	19.77	19.80	19.96	19.99	20.01	19.86
345	19.90	20.02	20.11	20.14	20.19	19.99
360	20.08	20.13	20.25	20.29	20.32	20.16
375	20.21	20.27	20.42	20.46	20.41	20.33
390	20.29	20.39	20.55	20.58	20.56	20.39
405	20.38	20.45	20.66	20.69	20.63	20.47
420	20.51	20.56	20.75	20.71	20.74	20.62
435	20.63	20.64	20.83	20.86	20.88	20.77
450	20.75	20.77	20.92	20.96	20.97	20.85
465	20.84	20.83	21.01	21.09	21.05	20.93
480	20.91	20.90	21.13	21.12	21.09	20.99

Table B.5.1.2.22. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.83	12.84	12.83	12.84	12.84
5	15.09	15.42	15.35	15.52	15.71	15.37

10	15.29	15.52	15.46	15.49	15.55	15.40
15	15.40	15.66	15.63	15.63	15.75	15.56
20	15.61	15.79	15.78	15.74	15.85	15.73
25	15.75	15.98	15.96	15.93	16.01	15.86
30	15.91	16.10	16.10	16.03	16.17	15.97
35	15.95	16.15	16.16	16.09	16.20	16.05
40	16.13	16.23	16.29	16.22	16.32	16.13
45	16.20	16.33	16.35	16.31	16.40	16.21
50	16.31	16.38	16.51	16.42	16.50	16.35
55	16.38	16.55	16.53	16.51	16.61	16.50
60	16.49	16.68	16.71	16.64	16.77	16.63
65	16.64	16.77	16.81	16.71	16.82	16.70
70	16.72	16.84	16.96	16.86	16.95	16.80
75	16.79	16.96	16.99	16.91	17.01	16.89
80	16.87	17.07	17.03	17.08	17.10	16.98
85	16.95	17.15	17.21	17.17	17.25	17.08
90	17.09	17.24	17.29	17.22	17.34	17.16
95	17.12	17.31	17.35	17.26	17.37	17.23
100	17.25	17.38	17.40	17.34	17.43	17.35
105	17.30	17.49	17.51	17.46	17.53	17.39
110	17.38	17.55	17.58	17.49	17.62	17.47
115	17.45	17.64	17.70	17.56	17.73	17.57
120	17.52	17.72	17.76	17.66	17.77	17.62
130	17.67	17.87	17.92	17.84	17.90	17.77
140	17.82	18.00	18.01	17.95	18.03	17.88
150	17.93	18.11	18.17	18.12	18.20	18.04
160	18.04	18.16	18.25	18.18	18.27	18.20
170	18.20	18.29	18.32	18.30	18.36	18.29
180	18.35	18.40	18.51	18.44	18.49	18.42
190	18.42	18.51	18.63	18.55	18.61	18.56
200	18.53	18.65	18.76	18.69	18.79	18.67
210	18.65	18.74	18.86	18.81	18.88	18.74
220	18.80	18.89	18.96	18.87	18.99	18.90
230	18.91	18.93	19.03	18.95	19.08	18.97

240	18.97	19.10	19.15	19.06	19.18	19.05
255	19.15	19.24	19.35	19.19	19.39	19.21
270	19.31	19.33	19.49	19.28	19.51	19.30
285	19.46	19.48	19.58	19.47	19.62	19.48
300	19.55	19.67	19.71	19.60	19.81	19.60
315	19.63	19.79	19.85	19.75	19.96	19.81
330	19.78	19.90	19.96	19.87	20.00	19.94
345	19.89	20.08	20.17	20.03	20.16	20.04
360	20.10	20.26	20.30	20.19	20.28	20.13
375	20.25	20.41	20.46	20.26	20.43	20.23
390	20.39	20.58	20.58	20.34	20.55	20.42
405	20.50	20.66	20.68	20.52	20.71	20.51
420	20.61	20.71	20.73	20.68	20.70	20.59
435	20.65	20.83	20.87	20.74	20.81	20.67
450	20.80	20.96	20.98	20.83	20.95	20.73
465	20.91	21.04	21.06	20.97	21.07	20.88
480	21.03	21.17	21.15	21.09	21.16	20.96

Table B.5.1.2.23. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 15%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.85	12.85	12.85	12.85	12.86	12.86
5	15.44	15.26	15.43	15.24	15.57	15.66
10	15.46	15.35	15.51	15.36	15.62	15.74
15	15.60	15.55	15.57	15.56	15.92	15.81
20	15.80	15.81	15.82	15.70	15.95	16.00
25	15.95	15.92	15.94	15.91	16.12	16.10

30	16.08	16.07	16.02	16.00	16.22	16.18
35	16.19	16.24	16.16	16.11	16.31	16.33
40	16.30	16.32	16.23	16.24	16.41	16.38
45	16.45	16.38	16.30	16.40	16.51	16.52
50	16.55	16.46	16.48	16.53	16.69	16.58
55	16.63	16.57	16.56	16.62	16.77	16.71
60	16.72	16.65	16.67	16.65	16.78	16.78
65	16.85	16.77	16.73	16.76	16.88	16.85
70	16.95	16.82	16.88	16.87	16.93	17.01
75	17.03	16.95	16.92	17.04	17.03	17.13
80	17.17	17.08	17.10	17.15	17.16	17.15
85	17.21	17.19	17.13	17.25	17.28	17.30
90	17.36	17.27	17.24	17.29	17.33	17.36
95	17.41	17.36	17.31	17.42	17.47	17.39
100	17.50	17.45	17.43	17.47	17.52	17.50
105	17.56	17.49	17.49	17.55	17.60	17.56
110	17.58	17.52	17.54	17.62	17.65	17.61
115	17.72	17.65	17.58	17.73	17.70	17.66
120	17.81	17.78	17.76	17.78	17.81	17.75
130	17.92	17.86	17.86	17.98	17.95	17.99
140	18.07	18.09	17.99	18.07	18.10	18.06
150	18.23	18.17	18.12	18.21	18.20	18.21
160	18.35	18.26	18.27	18.37	18.29	18.30
170	18.44	18.48	18.38	18.49	18.46	18.46
180	18.57	18.53	18.54	18.54	18.54	18.57
190	18.74	18.60	18.61	18.72	18.67	18.61
200	18.90	18.72	18.69	18.82	18.76	18.72
210	18.98	18.84	18.81	18.95	18.88	18.84
220	19.04	18.95	18.90	19.01	18.95	18.96
230	19.20	19.05	18.98	19.13	19.10	19.02
240	19.26	19.11	19.06	19.20	19.19	19.14
255	19.40	19.37	19.41	19.44	19.34	19.24
270	19.55	19.46	19.47	19.58	19.50	19.37
285	19.60	19.67	19.63	19.71	19.69	19.55

300	19.74	19.76	19.72	19.86	19.83	19.73
315	19.88	19.85	19.86	19.97	19.92	19.85
330	20.03	19.91	19.97	20.06	20.03	19.95
345	20.10	20.13	20.05	20.18	20.08	19.99
360	20.25	20.20	20.17	20.32	20.33	20.25
375	20.32	20.31	20.42	20.53	20.39	20.36
390	20.47	20.42	20.50	20.61	20.48	20.42
405	20.60	20.54	20.69	20.72	20.63	20.59
420	20.71	20.69	20.78	20.79	20.71	20.66
435	20.87	20.84	20.92	20.94	20.86	20.78
450	20.96	20.93	21.01	21.06	20.97	20.85
465	21.03	21.01	21.06	21.14	21.05	20.93
480	21.11	21.07	21.14	21.22	21.09	20.99

Table B.5.1.2.24. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine Citrate. R/D 1.43, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.82	12.82	12.82	12.82	12.81
5	15.35	15.31	15.81	15.33	15.30	15.27
10	15.44	15.26	15.32	15.24	15.35	15.34
15	15.61	15.43	15.32	15.29	15.32	15.40
20	15.65	15.56	15.45	15.32	15.41	15.53
25	15.72	15.59	15.51	15.49	15.58	15.61
30	15.75	15.63	15.66	15.58	15.69	15.64
35	15.83	15.64	15.73	15.70	15.73	15.65
40	15.92	15.79	15.85	15.91	15.88	15.83
45	16.00	15.93	15.96	15.93	16.04	15.90
50	16.05	15.98	16.09	15.98	16.12	15.96

55	16.09	16.01	16.12	15.99	16.15	16.03
60	16.10	16.12	16.21	16.13	16.23	16.07
65	16.11	16.15	16.23	16.15	16.25	16.09
70	16.12	16.16	16.25	16.15	16.26	16.13
75	16.10	16.15	16.27	16.17	16.24	16.11
80	16.13	16.12	16.27	16.19	16.21	16.12
85	16.10	16.10	16.23	16.15	16.19	16.09
90	16.09	16.07	16.25	16.14	16.16	16.12
95	16.09	16.12	16.34	16.14	16.15	16.14
100	16.10	16.08	16.30	16.09	16.15	16.15
105	16.14	16.04	16.29	16.13	16.14	16.16
110	16.17	16.03	16.27	16.09	16.17	16.21
115	16.17	16.13	16.23	16.20	16.26	16.23
120	16.23	16.21	16.28	16.18	16.18	16.24
130	16.27	16.21	16.31	16.25	16.28	16.31
140	16.36	16.31	16.29	16.26	16.29	16.34
150	16.43	16.29	16.43	16.37	16.39	16.43
160	16.49	16.45	16.45	16.45	16.47	16.53
170	16.65	16.51	16.59	16.51	16.56	16.66
180	16.73	16.69	16.71	16.59	16.60	16.67
190	16.82	16.69	16.76	16.76	16.78	16.82
200	17.02	16.95	16.91	16.81	16.79	17.03
210	17.08	17.01	17.05	16.98	16.99	17.07
220	17.19	17.09	17.15	17.13	17.11	17.30
230	17.42	17.18	17.21	17.24	17.21	17.34
240	17.49	17.44	17.44	17.38	17.41	17.46
255	17.75	17.57	17.59	17.66	17.66	17.75
270	18.06	17.91	17.94	17.93	17.96	18.08
285	18.23	18.09	18.13	18.21	18.20	18.36
300	18.45	18.27	18.34	18.43	18.44	18.58
315	18.77	18.74	18.64	18.74	18.76	18.81
330	19.00	18.89	18.86	18.99	19.06	19.21
345	19.24	19.13	19.22	19.27	19.16	19.40
360	19.60	19.41	19.39	19.61	19.63	19.65

375	19.85	19.61	19.61	19.78	19.95	20.05
390	19.99	19.89	19.94	20.17	20.02	20.23
405	20.47	20.19	20.22	20.53	20.49	20.53
420	20.55	20.45	20.53	20.62	20.62	20.79
435	20.92	20.58	20.76	20.82	20.87	20.95
450	21.17	20.95	20.96	21.26	21.15	21.28
465	21.31	21.19	21.18	21.55	21.41	21.48
480	21.55	21.48	21.40	21.69	21.68	21.71

Table B.5.1.2.25. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.83	12.83	12.83	12.84	12.82
5	15.71	15.71	15.55	15.93	15.60	15.77
10	15.53	15.56	15.77	15.85	15.46	15.63
15	15.36	15.47	15.69	15.62	15.43	15.69
20	15.47	15.52	15.59	15.75	15.66	16.72
25	15.55	15.63	15.71	15.64	15.57	15.89
30	15.72	15.68	15.81	15.78	15.70	15.87
35	15.85	15.73	15.81	15.88	15.78	15.88
40	15.92	15.80	15.85	15.93	15.87	15.98
45	15.94	15.88	15.93	15.98	15.94	16.09
50	16.00	15.86	15.99	16.02	16.04	16.17
55	16.18	16.01	16.02	16.03	16.08	16.18
60	16.16	15.98	16.00	15.99	16.11	16.13
65	16.18	16.03	16.09	16.02	16.15	16.23
70	16.19	15.97	16.06	16.04	16.17	16.24
75	16.19	16.02	16.10	15.99	16.16	16.19

80	16.22	16.02	16.07	16.02	16.07	16.17
85	16.17	15.99	16.15	16.04	16.09	16.18
90	16.24	15.99	16.10	15.96	16.14	16.18
95	16.13	16.05	16.11	15.99	16.14	16.19
100	16.17	16.00	16.15	16.04	16.15	16.20
105	16.22	16.03	16.19	16.05	16.13	16.22
110	16.29	16.03	16.21	16.05	16.08	16.22
115	16.17	16.02	16.18	16.07	16.06	16.17
120	16.16	16.10	16.24	16.05	16.13	16.28
130	16.25	16.12	16.29	16.08	16.12	16.25
140	16.29	16.20	16.33	16.21	16.26	16.30
150	16.29	16.25	16.47	16.21	16.32	16.34
160	16.38	16.38	16.56	16.30	16.32	16.46
170	16.53	16.40	16.62	16.53	16.49	16.57
180	16.59	16.50	16.76	16.57	16.58	16.69
190	16.77	16.70	16.89	16.61	16.65	16.81
200	16.79	16.83	17.03	16.75	17.03	16.91
210	16.91	16.88	17.13	16.84	16.84	17.12
220	17.09	17.07	17.16	16.90	17.09	17.06
230	17.14	17.27	17.33	17.10	17.15	17.26
240	17.32	17.40	17.51	17.25	17.40	17.38
255	17.58	17.67	17.70	17.50	17.60	17.61
270	17.87	17.86	17.99	17.90	17.83	17.91
285	18.12	18.21	18.24	17.99	18.08	18.22
300	18.35	18.38	18.50	18.27	18.30	18.44
315	18.62	18.73	18.90	18.57	18.60	18.63
330	18.83	18.99	19.10	18.88	18.94	19.09
345	19.18	19.21	19.38	19.11	19.18	19.28
360	19.35	19.51	19.60	19.44	19.35	19.55
375	19.59	19.77	19.91	19.63	19.74	19.74
390	19.90	20.01	20.22	19.89	19.94	20.00
405	20.11	20.38	20.55	20.30	20.29	20.24
420	20.26	20.52	20.61	20.44	20.43	20.53
435	20.51	20.77	20.83	20.63	20.63	20.77

450	20.90	21.11	21.16	20.85	20.86	20.86
465	21.11	21.24	21.37	21.09	21.11	21.02
480	21.36	21.41	21.53	21.35	21.41	21.13

Table B.5.1.2.26. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.83	12.83	12.83	12.84	12.83
5	15.84	16.09	16.14	15.80	15.81	15.93
10	15.88	15.87	15.85	15.75	15.77	15.74
15	15.96	15.77	15.93	15.61	15.69	15.63
20	16.08	15.64	15.88	15.62	15.73	15.71
25	16.11	15.69	15.91	15.71	15.67	15.87
30	16.12	15.85	16.07	15.70	15.84	15.89
35	16.08	15.88	16.02	15.74	15.88	15.90
40	16.05	15.89	16.14	15.82	16.05	16.05
45	16.15	16.03	16.09	15.94	16.15	16.14
50	16.16	16.09	16.12	15.99	16.19	16.12
55	16.18	16.08	16.23	16.10	16.23	16.20
60	16.16	16.18	16.20	16.13	16.25	16.16
65	16.20	16.23	16.27	16.15	16.22	16.15
70	16.17	16.10	16.22	16.11	16.24	16.17
75	16.13	16.12	16.20	16.14	16.20	16.13
80	16.11	16.11	16.21	16.16	16.18	16.10
85	16.08	16.06	16.24	16.11	16.19	16.09
90	16.06	16.10	16.22	16.06	16.17	16.10
95	16.05	16.05	16.19	16.07	16.10	16.14
100	16.11	16.03	16.25	16.03	16.12	16.11

105	16.07	16.13	16.23	16.06	16.09	16.12
110	16.10	16.05	16.25	16.03	16.12	16.13
115	16.15	16.00	16.23	15.98	16.11	16.11
120	16.14	16.00	16.15	15.97	16.09	16.12
130	16.18	16.01	16.21	16.02	16.18	16.22
140	16.23	15.98	16.22	16.03	16.18	16.24
150	16.33	16.10	16.31	16.10	16.23	16.42
160	16.35	16.23	16.45	16.22	16.38	16.43
170	16.55	16.29	16.47	16.28	16.42	16.53
180	16.65	16.31	16.64	16.28	16.49	16.62
190	16.68	16.43	16.67	16.44	16.61	16.71
200	16.86	16.64	16.79	16.50	16.71	16.81
210	17.02	16.72	16.91	16.67	16.83	16.94
220	17.12	16.83	17.04	16.86	17.11	17.14
230	17.31	16.92	17.15	16.92	17.20	17.31
240	17.42	17.00	17.27	17.15	17.26	17.42
255	17.65	17.27	17.57	17.31	17.57	17.70
270	17.98	17.48	17.73	17.48	17.74	17.85
285	18.18	17.78	18.00	17.78	18.04	18.14
300	18.45	17.98	18.23	18.11	18.33	18.41
315	18.71	18.34	18.58	18.40	18.58	18.70
330	19.00	18.64	18.87	18.77	18.86	19.09
345	19.28	18.77	19.01	18.89	19.15	19.36
360	19.57	19.06	19.30	19.21	19.46	19.55
375	19.75	19.19	19.59	19.45	19.74	20.02
390	20.08	19.56	19.79	19.65	19.94	20.09
405	20.30	19.65	20.07	19.89	20.11	20.29
420	20.53	19.78	20.29	20.08	20.33	20.45
435	20.63	20.22	20.32	20.34	20.46	20.69
450	21.09	20.50	20.69	20.61	20.90	20.96
465	21.39	20.81	21.03	20.99	21.20	21.21
480	21.66	21.15	21.40	21.33	21.51	21.48

Table B.5.1.2.27. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.81	12.82	12.82	12.81	12.83	12.82
5	15.14	15.27	15.11	15.02	14.91	14.96
10	15.21	15.18	15.16	15.24	15.21	15.26
15	15.33	15.31	15.29	15.42	15.33	15.44
20	15.32	15.36	15.48	15.59	15.36	15.48
25	15.48	15.44	15.45	15.49	15.41	15.63
30	15.48	15.45	15.49	15.57	15.40	15.63
35	15.59	15.48	15.53	15.59	15.46	15.68
40	15.67	15.58	15.56	15.64	15.48	15.73
45	15.66	15.69	15.58	15.78	15.51	15.73
50	15.76	15.81	15.62	15.84	15.55	15.78
55	15.77	15.90	15.77	15.86	15.56	15.83
60	15.82	15.85	15.81	15.91	15.58	15.83
65	15.89	15.88	15.83	15.97	15.64	15.88
70	15.91	15.98	15.90	16.00	15.72	16.01
75	15.90	16.14	15.95	16.05	15.83	16.01
80	15.97	16.17	15.99	16.11	15.91	16.05
85	16.00	16.19	16.02	16.09	15.93	16.09
90	16.04	16.24	16.03	16.13	16.01	16.09
95	16.07	16.25	16.09	16.18	16.05	16.10
100	16.07	16.28	16.14	16.26	16.12	16.14
105	16.09	16.28	16.21	16.26	16.14	16.15
110	16.10	16.30	16.22	16.27	16.17	16.15
115	16.09	16.31	16.27	16.27	16.23	16.13
120	16.12	16.33	16.33	16.22	16.25	16.21
130	16.20	16.34	16.34	16.30	16.30	16.27
140	16.17	16.13	16.36	16.33	16.33	16.24
150	16.30	16.22	16.36	16.36	16.41	16.27
160	16.27	16.27	16.39	16.32	16.42	16.23
170	16.33	16.33	16.39	16.40	16.45	16.31
180	16.39	16.25	16.41	16.54	16.45	16.38

190	16.45	16.34	16.47	16.55	16.49	16.38
200	16.52	16.50	16.46	16.59	16.51	16.43
210	16.57	16.52	16.55	16.60	16.55	16.55
220	16.70	16.52	16.62	16.74	16.58	16.62
230	16.74	16.61	16.66	16.78	16.62	16.73
240	16.81	16.65	16.73	16.92	16.65	16.73
255	16.94	16.80	16.78	17.03	16.73	16.87
270	16.97	16.94	16.91	17.16	16.86	17.05
285	17.16	17.12	17.05	17.35	16.97	17.16
300	17.32	17.21	17.22	17.50	17.00	17.31
315	17.47	17.33	17.39	17.65	17.33	17.48
330	17.60	17.51	17.51	17.80	17.42	17.66
345	17.73	17.62	17.68	17.96	17.59	17.73
360	17.96	17.93	17.82	18.17	17.73	17.92
375	18.04	18.07	17.99	18.32	17.88	18.08
390	18.22	18.21	18.16	18.38	18.03	18.20
405	18.29	18.23	18.34	18.51	18.22	18.34
420	18.53	18.53	18.50	18.72	18.36	18.61
435	18.59	18.58	18.66	18.90	18.57	18.71
450	18.77	18.70	18.79	19.02	18.81	18.85
465	19.09	18.79	19.01	19.16	18.93	19.17
480	19.26	19.11	19.12	19.34	19.05	19.32

Table B.5.1.2.28. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.82	12.82	12.82	12.82	12.81
5	15.16	15.06	14.92	15.14	15.10	15.01

10	15.21	15.14	15.24	15.16	15.22	15.09
15	15.33	15.27	15.37	15.22	15.39	15.22
20	15.50	15.33	15.42	15.23	15.34	15.31
25	15.40	15.35	15.50	15.20	15.35	15.35
30	15.48	15.34	15.51	15.24	15.54	15.36
35	15.50	15.41	15.54	15.32	15.44	15.39
40	15.55	15.46	15.64	15.44	15.51	15.44
45	15.69	15.52	15.75	15.47	15.59	15.60
50	15.75	15.55	15.87	15.53	15.68	15.72
55	15.77	15.59	15.96	15.59	15.71	15.73
60	15.82	15.72	15.91	15.69	15.78	15.75
65	15.88	15.77	15.94	15.78	15.87	15.81
70	15.91	15.86	16.04	15.86	15.92	15.88
75	15.96	15.92	16.20	15.94	16.00	16.04
80	16.02	15.99	16.23	16.03	16.15	16.09
85	16.00	16.11	16.25	16.11	16.26	16.09
90	16.04	16.13	16.31	16.18	16.30	16.14
95	16.09	16.18	16.32	16.21	16.31	16.19
100	16.17	16.24	16.35	16.27	16.34	16.18
105	16.17	16.27	16.35	16.33	16.29	16.21
110	16.18	16.30	16.37	16.34	16.24	16.23
115	16.18	16.31	16.38	16.35	16.24	16.27
120	16.13	16.37	16.40	16.34	16.28	16.33
130	16.21	16.40	16.41	16.39	16.31	16.32
140	16.24	16.45	16.19	16.44	16.29	16.38
150	16.27	16.48	16.28	16.48	16.25	16.37
160	16.23	16.54	16.34	16.50	16.33	16.41
170	16.31	16.56	16.40	16.56	16.34	16.43
180	16.44	16.61	16.32	16.57	16.36	16.50
190	16.45	16.62	16.41	16.65	16.37	16.53
200	16.49	16.67	16.57	16.66	16.40	16.61
210	16.50	16.70	16.59	16.66	16.48	16.64
220	16.64	16.73	16.59	16.73	16.61	16.65
230	16.68	16.80	16.68	16.75	16.63	16.71

240	16.82	16.83	16.72	16.80	16.65	16.78
255	16.93	16.90	16.87	16.87	16.79	16.91
270	17.06	17.05	17.01	16.93	16.93	17.05
285	17.25	17.19	17.19	17.06	17.04	17.21
300	17.40	17.32	17.28	17.23	17.31	17.36
315	17.55	17.46	17.40	17.39	17.36	17.45
330	17.70	17.55	17.58	17.55	17.49	17.58
345	17.86	17.71	17.69	17.63	17.64	17.73
360	18.07	17.83	18.00	17.76	17.84	17.96
375	18.21	17.89	18.14	17.89	17.96	18.22
390	18.27	18.04	18.28	18.01	18.12	18.31
405	18.40	18.36	18.30	18.25	18.31	18.36
420	18.61	18.59	18.60	18.46	18.38	18.47
435	18.79	18.70	18.65	18.61	18.66	18.69
450	18.91	18.84	18.81	18.73	18.70	18.82
465	19.00	18.99	18.99	18.88	18.74	19.04
480	19.11	19.10	19.24	19.08	19.16	19.23

Table B.5.1.2.29. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 15%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.83	12.84	12.83	12.83	12.83	12.84
5	15.21	15.07	15.23	15.20	15.12	15.18
10	15.09	15.22	15.06	15.30	15.25	15.11
15	15.18	15.31	15.14	15.43	15.36	15.23
20	15.26	15.36	15.19	15.40	15.41	15.22
25	15.33	15.48	15.24	15.55	15.30	15.38

30	15.38	15.51	15.33	15.55	15.44	15.38
35	15.45	15.55	15.40	15.60	15.53	15.49
40	15.50	15.55	15.46	15.65	15.48	15.57
45	15.55	15.56	15.50	15.65	15.52	15.56
50	15.56	15.71	15.57	15.70	15.67	15.66
55	15.61	15.84	15.61	15.75	15.70	15.67
60	15.63	15.80	15.64	15.75	15.80	15.72
65	15.69	15.83	15.70	15.80	15.95	15.77
70	15.77	15.87	15.69	15.93	16.01	15.81
75	15.83	15.93	15.74	15.93	16.04	15.80
80	15.88	15.95	15.80	15.97	16.12	15.87
85	15.92	16.02	15.84	16.01	16.14	15.90
90	15.96	16.00	15.88	16.01	16.18	15.94
95	15.97	16.11	15.89	16.02	16.23	15.97
100	16.04	16.14	15.91	16.06	16.19	15.97
105	16.05	16.21	15.95	16.07	16.22	15.99
110	16.03	16.28	15.94	16.07	16.26	16.00
115	16.05	16.33	15.95	16.05	16.27	15.99
120	16.14	16.35	15.96	16.13	16.32	16.02
130	16.17	16.34	16.04	16.19	16.34	16.09
140	16.21	16.39	16.10	16.16	16.36	16.06
150	16.22	16.44	16.14	16.19	16.36	16.19
160	16.26	16.47	16.18	16.15	16.41	16.16
170	16.32	16.52	16.20	16.23	16.40	16.22
180	16.36	16.50	16.25	16.30	16.46	16.28
190	16.41	16.57	16.29	16.30	16.51	16.34
200	16.49	16.61	16.35	16.35	16.55	16.41
210	16.58	16.68	16.40	16.47	16.58	16.46
220	16.66	16.73	16.53	16.54	16.64	16.59
230	16.76	16.78	16.57	16.65	16.71	16.63
240	16.83	16.86	16.64	16.65	16.78	16.70
255	16.86	16.97	16.77	16.79	16.85	16.83
270	16.97	17.08	16.80	16.97	16.90	16.86
285	17.04	17.16	16.99	17.07	17.06	17.05

300	17.18	17.32	17.15	17.22	17.20	17.21
315	17.24	17.46	17.30	17.39	17.37	17.36
330	17.34	17.63	17.42	17.57	17.56	17.49
345	17.40	17.79	17.55	17.64	17.63	17.61
360	17.63	17.91	17.78	17.83	17.85	17.84
375	17.77	18.18	17.86	17.99	18.19	17.92
390	17.92	18.34	18.04	18.11	18.25	18.10
405	18.15	18.56	18.11	18.25	18.16	18.17
420	18.26	18.67	18.34	18.52	18.46	18.41
435	18.43	18.82	18.40	18.62	18.64	18.47
450	18.55	18.98	18.58	18.76	18.76	18.65
465	18.61	19.11	18.90	19.07	19.01	18.97
480	18.86	19.25	19.02	19.34	19.15	19.12

Table B.5.1.2.30. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 0.50, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.81	12.82	12.81	12.81	12.82	12.82
5	14.88	14.70	14.78	15.00	15.01	14.80
10	14.91	14.90	15.01	15.02	15.05	15.00
15	15.00	14.99	15.07	15.16	15.17	15.05
20	15.03	14.96	15.13	15.18	15.28	15.09
25	15.17	15.12	15.17	15.24	15.30	15.20
30	15.26	15.20	15.23	15.30	15.33	15.24
35	15.29	15.25	15.29	15.35	15.39	15.29
40	15.31	15.33	15.35	15.36	15.46	15.35
45	15.40	15.38	15.36	15.45	15.49	15.41
50	15.46	15.43	15.44	15.48	15.53	15.45

55	15.46	15.50	15.41	15.50	15.60	15.49
60	15.51	15.55	15.44	15.52	15.63	15.51
65	15.54	15.60	15.56	15.55	15.66	15.60
70	15.64	15.69	15.65	15.59	15.76	15.65
75	15.68	15.69	15.66	15.66	15.79	15.69
80	15.72	15.69	15.69	15.69	15.81	15.72
85	15.75	15.77	15.71	15.69	15.85	15.76
90	15.77	15.78	15.73	15.69	15.84	15.79
95	15.74	15.85	15.75	15.77	15.93	15.80
100	15.78	15.87	15.80	15.77	15.96	15.89
105	15.80	15.90	15.85	15.81	15.99	15.94
110	15.83	15.96	15.88	15.87	16.05	15.93
115	15.84	15.98	15.90	15.90	16.12	15.95
120	15.85	16.07	15.92	15.94	16.12	16.01
130	15.92	16.14	15.97	15.99	16.24	16.08
140	15.93	16.17	15.95	16.00	16.24	16.10
150	15.95	16.19	16.03	16.08	16.32	16.12
160	15.98	16.19	16.07	16.08	16.35	16.15
170	16.06	16.29	16.16	16.16	16.43	16.21
180	16.10	16.35	16.27	16.24	16.53	16.30
190	16.22	16.42	16.28	16.26	16.62	16.38
200	16.27	16.53	16.33	16.39	16.65	16.43
210	16.30	16.56	16.40	16.41	16.71	16.50
220	16.29	16.61	16.50	16.44	16.76	16.63
230	16.41	16.66	16.56	16.54	16.79	16.71
240	16.46	16.70	16.58	16.56	16.80	16.70
255	16.55	16.81	16.67	16.67	16.89	16.73
270	16.68	16.96	16.78	16.69	16.95	16.78
285	16.80	17.04	16.90	16.86	17.11	16.90
300	16.95	17.17	17.02	16.98	17.24	17.03
315	17.08	17.23	17.17	17.11	17.38	17.15
330	17.15	17.39	17.29	17.23	17.50	17.32
345	17.28	17.47	17.38	17.35	17.60	17.45
360	17.41	17.60	17.47	17.49	17.71	17.53

375	17.54	17.75	17.56	17.64	17.79	17.66
390	17.63	17.86	17.71	17.73	17.86	17.75
405	17.76	18.01	17.81	17.87	18.00	17.90
420	17.88	18.03	17.93	18.04	18.09	17.95
435	18.03	18.23	18.03	18.12	18.30	18.09
450	18.15	18.33	18.23	18.27	18.41	18.19
465	18.26	18.41	18.39	18.40	18.49	18.27
480	18.38	18.58	18.49	18.51	18.58	18.39

Table B.5.1.2.31. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.83	12.83	12.82	12.82	12.82
5	14.76	14.68	14.75	14.64	14.68	14.58
10	14.86	14.81	14.98	14.97	14.87	14.79
15	14.95	14.95	14.94	14.93	15.00	14.78
20	15.03	14.98	14.94	14.90	15.02	14.87
25	15.09	14.98	15.05	15.02	15.13	14.96
30	15.18	15.10	15.11	15.05	15.14	15.03
35	15.27	15.19	15.18	15.11	15.19	15.13
40	15.28	15.26	15.28	15.25	15.31	15.20
45	15.32	15.28	15.33	15.34	15.40	15.22
50	15.33	15.33	15.36	15.30	15.40	15.26
55	15.38	15.36	15.45	15.39	15.50	15.29
60	15.36	15.42	15.50	15.43	15.55	15.38
65	15.43	15.49	15.55	15.48	15.57	15.41
70	15.46	15.48	15.52	15.50	15.53	15.43
75	15.49	15.55	15.59	15.57	15.58	15.43

80	15.48	15.54	15.63	15.64	15.60	15.46
85	15.50	15.57	15.64	15.68	15.62	15.46
90	15.57	15.60	15.73	15.68	15.69	15.49
95	15.55	15.63	15.74	15.72	15.66	15.50
100	15.56	15.66	15.73	15.73	15.72	15.52
105	15.57	15.74	15.78	15.81	15.74	15.60
110	15.65	15.75	15.80	15.83	15.73	15.61
115	15.66	15.77	15.91	15.82	15.77	15.58
120	15.71	15.85	15.92	15.81	15.82	15.62
130	15.79	15.88	15.99	15.94	15.77	15.67
140	15.81	15.91	15.97	15.98	15.87	15.74
150	15.93	15.96	16.04	16.05	15.88	15.75
160	15.96	16.01	16.05	16.13	15.92	15.81
170	15.95	16.06	16.09	16.15	15.97	15.85
180	16.03	16.17	16.20	16.17	16.00	15.96
190	16.12	16.25	16.28	16.25	16.03	16.02
200	16.17	16.26	16.26	16.29	16.11	16.03
210	16.19	16.30	16.32	16.25	16.14	16.00
220	16.29	16.36	16.30	16.40	16.14	16.10
230	16.29	16.37	16.33	16.43	16.17	16.09
240	16.34	16.50	16.38	16.53	16.21	16.20
255	16.50	16.58	16.49	16.58	16.31	16.23
270	16.59	16.76	16.60	16.74	16.45	16.31
285	16.69	16.87	16.73	16.87	16.56	16.47
300	16.90	16.93	16.87	16.98	16.70	16.65
315	17.12	17.12	17.07	17.15	16.79	16.80
330	17.14	17.19	17.10	17.16	16.18	16.84
345	17.18	17.24	17.37	17.30	17.09	16.99
360	17.39	17.52	17.38	17.45	17.22	17.09
375	17.48	17.63	17.59	17.60	17.37	17.21
390	17.76	17.78	17.70	17.82	17.55	17.40
405	17.88	17.90	17.81	17.95	17.71	17.62
420	17.90	18.02	17.83	18.05	17.79	17.68
435	18.10	18.23	18.08	18.23	17.96	17.81

450	18.23	18.34	18.14	18.32	18.01	17.89
465	18.39	18.42	18.29	18.45	18.10	17.96
480	18.55	18.55	18.43	18.59	18.19	18.07

Table B.5.1.2.32. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 15%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.83	12.83	12.84	12.84	12.83	12.83
5	15.28	14.89	15.39	15.37	15.38	15.14
10	15.29	15.21	15.34	15.60	15.17	15.15
15	15.42	15.25	15.42	15.61	15.25	15.29
20	15.47	15.29	15.43	15.63	15.32	15.35
25	15.38	15.32	15.41	15.60	15.29	15.32
30	15.43	15.32	15.46	15.57	15.31	15.42
35	15.51	15.30	15.46	15.61	15.39	15.45
40	15.56	15.38	15.51	15.67	15.38	15.46
45	15.50	15.39	15.47	15.63	15.39	15.44
50	15.52	15.38	15.54	15.65	15.47	15.50
55	15.60	15.41	15.55	15.64	15.43	15.52
60	15.55	15.40	15.54	15.70	15.45	15.55
65	15.61	15.37	15.55	15.72	15.46	15.54
70	15.62	15.43	15.63	15.74	15.51	15.56
75	15.61	15.42	15.63	15.75	15.52	15.66
80	15.67	15.50	15.64	15.79	15.56	15.68
85	15.70	15.50	15.65	15.65	15.56	15.69
90	15.72	15.56	15.69	15.67	15.61	15.73
95	15.73	15.64	15.74	15.80	15.65	15.78
100	15.79	15.66	15.75	15.81	15.69	15.81

105	15.80	15.67	15.80	15.90	15.71	15.90
110	15.82	15.72	15.81	15.91	15.69	15.93
115	15.85	15.75	15.80	15.96	15.73	15.94
120	15.90	15.77	15.86	16.00	15.78	16.01
130	15.96	15.81	15.97	16.05	15.88	16.10
140	15.97	15.82	16.01	16.02	15.89	16.12
150	16.07	15.92	16.07	16.13	15.99	16.12
160	16.13	15.95	16.09	16.19	16.01	16.19
170	16.17	16.04	16.13	16.28	16.09	16.26
180	16.24	16.05	16.27	16.29	16.15	16.28
190	16.34	16.20	16.28	16.33	16.21	16.31
200	16.38	16.23	16.33	16.38	16.26	16.39
210	16.45	16.32	16.37	16.47	16.33	16.43
220	16.55	16.40	16.45	16.55	16.46	16.51
230	16.62	16.48	16.56	16.58	16.51	16.55
240	16.70	16.58	16.58	16.73	16.60	16.65
255	16.80	16.65	16.72	16.81	16.73	16.75
270	16.89	16.72	16.80	16.96	16.85	16.85
285	17.10	16.98	16.99	17.11	16.93	16.99
300	17.21	17.13	17.09	17.24	17.15	17.11
315	17.29	17.23	17.28	17.33	17.26	17.30
330	17.53	17.37	17.37	17.44	17.40	17.30
345	17.58	17.45	17.43	17.52	17.48	17.47
360	17.73	17.59	17.61	17.76	17.61	17.60
375	17.85	17.65	17.69	17.82	17.73	17.77
390	18.03	17.85	17.84	17.99	17.88	17.92
405	18.19	18.03	17.99	18.18	18.02	17.98
420	18.27	18.16	18.05	18.20	18.20	18.10
435	18.36	18.24	18.15	18.31	18.27	18.26
450	18.41	18.37	18.22	18.35	18.34	18.40
465	18.59	18.42	18.36	18.43	18.46	18.54
480	18.66	18.55	18.42	18.49	18.51	18.63

Table B.5.1.2.33. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.00, porosity 17.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.82	12.83	12.83	12.82	12.81	12.83
5	15.02	14.87	14.93	14.85	15.01	15.00
10	15.25	15.06	15.04	15.08	15.19	15.20
15	15.28	15.15	15.20	15.23	15.30	15.31
20	15.31	15.18	15.25	15.26	15.40	15.34
25	15.32	15.29	15.27	15.32	15.42	15.37
30	15.38	15.24	15.31	15.40	15.50	15.43
35	15.41	15.30	15.38	15.38	15.48	15.49
40	15.49	15.34	15.40	15.43	15.53	15.52
45	15.49	15.36	15.43	15.41	15.55	15.55
50	15.52	15.40	15.49	15.45	15.55	15.61
55	15.57	15.47	15.52	15.55	15.60	15.62
60	15.62	15.50	15.53	15.51	15.65	15.68
65	15.63	15.55	15.56	15.52	15.69	15.69
70	15.68	15.60	15.60	15.60	15.72	15.72
75	15.73	15.62	15.68	15.62	15.78	15.80
80	15.76	15.68	15.71	15.71	15.81	15.87
85	15.84	15.72	15.78	15.74	15.90	15.95
90	15.86	15.79	15.85	15.83	15.92	15.98
95	15.91	15.80	15.87	15.92	15.92	16.05
100	15.95	15.83	15.90	15.96	15.99	16.03
105	15.95	15.92	15.96	16.05	15.99	16.09
110	16.03	15.93	16.08	16.09	15.99	16.11
115	16.06	15.99	16.12	16.14	16.11	16.13
120	16.08	15.98	16.15	16.18	16.12	16.20
130	16.13	16.05	16.19	16.19	16.18	16.19
140	16.20	16.08	16.28	16.31	16.32	16.30
150	16.22	16.18	16.32	16.38	16.34	16.31
160	16.25	16.20	16.41	16.43	16.37	16.34
170	16.30	16.25	16.49	16.53	16.46	16.40
180	16.45	16.33	16.60	16.59	16.54	16.46

190	16.49	16.38	16.76	16.77	16.61	16.58
200	16.46	16.42	16.85	16.82	16.73	16.58
210	16.57	16.46	16.90	16.85	16.84	16.66
220	16.60	16.53	16.92	16.94	16.91	16.69
230	16.67	16.65	17.04	17.05	16.97	16.75
240	16.75	16.71	17.12	17.10	17.03	16.84
255	16.93	16.94	17.18	17.25	17.20	16.98
270	16.96	17.00	17.28	17.30	17.30	17.10
285	17.16	17.22	17.36	17.41	17.48	17.25
300	17.22	17.20	17.44	17.55	17.50	17.29
315	17.26	17.28	17.53	17.59	17.61	17.42
330	17.31	17.38	17.60	17.65	17.70	17.52
345	17.39	17.49	17.73	17.78	17.68	17.56
360	17.50	17.61	17.80	17.81	17.90	17.72
375	17.60	17.75	17.89	17.93	18.01	17.81
390	17.75	17.89	18.03	18.01	18.09	17.95
405	17.84	17.99	18.13	18.12	18.20	18.03
420	17.93	18.05	18.22	18.29	18.32	18.12
435	18.06	18.14	18.23	18.37	18.44	18.18
450	18.14	18.27	18.37	18.45	18.53	18.30
465	18.20	18.32	18.49	18.55	18.66	18.38
480	18.29	18.44	18.55	18.61	18.73	18.46

Table B.5.1.2.34. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 12.5%.

	diameter after swelling (mm)					
	1	2	3	4	5	6
time(min)						
0	12.84	12.84	12.83	12.84	12.83	12.83
5	15.05	14.99	14.99	15.12	14.92	15.13

10	15.25	15.10	15.26	15.27	15.19	15.22
15	15.22	15.25	15.29	15.36	15.25	15.28
20	15.31	15.30	15.24	15.35	15.28	15.36
25	15.30	15.28	15.39	15.34	15.34	15.46
30	15.43	15.35	15.45	15.42	15.41	15.59
35	15.46	15.40	15.51	15.52	15.48	15.55
40	15.49	15.48	15.50	15.52	15.48	15.50
45	15.46	15.44	15.55	15.63	15.62	15.60
50	15.59	15.53	15.63	15.68	15.61	15.64
55	15.64	15.55	15.69	15.71	15.64	15.66
60	15.62	15.59	15.66	15.72	15.73	15.75
65	15.63	15.59	15.72	15.77	15.80	15.73
70	15.66	15.69	15.75	15.82	15.89	15.80
75	15.73	15.72	15.79	15.86	15.92	15.79
80	15.75	15.79	15.83	15.92	15.93	15.88
85	15.80	15.81	15.88	15.94	15.96	15.91
90	15.83	15.90	15.85	15.92	16.00	15.91
95	15.81	16.01	15.90	16.02	16.06	15.95
100	15.88	16.05	15.91	16.06	16.10	16.04
105	15.89	16.06	15.91	16.10	16.17	16.03
110	15.92	16.10	15.96	16.14	16.20	16.11
115	15.97	16.21	16.60	16.15	16.29	16.16
120	16.03	16.31	16.09	16.29	16.31	16.24
130	16.11	16.40	16.16	16.26	16.43	16.34
140	16.12	16.50	16.20	16.35	16.50	16.42
150	16.26	16.65	16.31	16.49	16.64	16.56
160	16.32	16.75	16.36	16.55	16.66	16.62
170	16.35	16.95	16.46	16.70	16.82	16.72
180	16.49	17.07	16.50	16.82	16.86	16.74
190	16.53	17.12	16.49	16.95	16.98	16.75
200	16.60	17.25	16.53	17.04	17.05	16.94
210	16.65	17.31	16.62	17.14	17.11	17.00
220	16.75	17.36	16.66	17.21	17.24	17.13
230	16.18	17.38	16.71	17.33	17.33	17.20

240	16.89	17.43	16.76	17.32	17.40	17.31
255	16.98	17.45	16.82	17.45	17.42	17.29
270	17.05	17.51	16.85	17.47	17.49	17.38
285	17.10	17.65	16.86	17.57	17.55	17.42
300	17.14	17.78	16.95	17.64	17.80	17.48
315	17.21	17.89	17.05	17.81	17.76	17.59
330	17.35	17.93	17.20	17.88	17.85	17.61
345	17.40	17.96	17.29	17.91	17.90	17.67
360	17.51	18.01	17.41	17.95	17.95	17.69
375	17.55	18.07	17.48	18.04	18.01	17.90
390	17.67	18.08	17.54	18.12	18.07	18.03
405	17.79	18.16	17.63	18.22	18.13	18.09
420	17.86	18.24	17.79	18.34	18.26	18.23
435	18.07	18.29	17.91	18.50	18.40	18.33
450	18.10	18.36	17.95	18.56	18.43	18.36
465	18.18	18.43	18.06	18.68	18.48	18.48
480	18.26	18.56	18.22	18.77	18.56	18.65

Table B.5.1.2.35. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 15%.

diameter after swelling (mm)						
	1	2	3	4	5	6
time(min)						
0	12.86	12.85	12.86	12.85	12.86	12.85
5	15.33	15.18	15.50	15.16	15.34	15.19
10	15.62	15.52	15.50	15.39	15.55	15.36
15	15.62	15.68	15.51	15.53	15.50	15.48
20	15.66	15.68	15.50	15.58	15.55	15.47
25	15.62	15.56	15.51	15.57	15.54	15.48

30	15.66	15.63	15.52	15.67	15.56	15.45
35	15.70	15.74	15.63	15.77	15.63	15.47
40	15.81	15.81	15.71	15.85	15.72	15.54
45	15.85	15.85	15.75	15.79	15.80	15.60
50	15.91	15.94	15.79	15.83	15.80	15.65
55	15.92	15.90	15.81	15.83	15.82	15.66
60	15.95	15.98	15.80	15.85	15.81	15.66
65	16.08	16.00	15.89	15.91	15.80	15.69
70	16.16	16.05	15.88	15.93	15.81	15.76
75	16.12	16.04	15.87	15.92	15.82	15.78
80	16.11	16.02	15.93	15.86	15.76	15.69
85	16.13	16.01	15.95	15.88	15.75	15.71
90	16.16	15.87	15.93	15.93	15.80	15.75
95	16.10	15.96	15.97	16.06	15.82	15.78
100	16.14	15.99	15.91	16.01	15.80	15.73
105	16.14	15.99	16.04	16.12	15.77	15.84
110	16.24	16.06	16.01	16.18	15.74	15.84
115	16.25	16.10	16.05	16.30	15.83	15.84
120	16.31	16.21	16.08	16.30	15.87	15.80
130	16.44	16.29	16.17	16.50	16.11	15.92
140	16.54	16.40	16.20	16.68	16.25	16.03
150	16.65	16.49	16.19	16.85	16.31	16.05
160	16.73	16.59	16.22	17.01	16.36	16.13
170	16.83	16.72	16.28	17.21	16.51	16.22
180	17.00	16.87	16.32	17.28	16.69	16.27
190	17.05	16.89	16.35	17.47	16.85	16.31
200	17.11	16.95	16.39	17.48	16.97	16.47
210	17.23	17.07	16.43	17.56	17.09	16.64
220	17.27	17.13	16.45	17.62	17.22	16.66
230	17.36	17.16	16.55	17.75	17.35	16.74
240	17.43	17.25	16.68	17.86	17.41	16.76
255	17.54	17.34	16.70	17.91	17.59	16.87
270	17.55	17.43	16.77	17.99	17.70	16.99
285	17.73	17.53	16.93	18.15	17.85	17.14

300	17.85	17.64	16.95	18.28	17.97	17.33
315	17.91	17.81	16.96	18.35	18.08	17.38
330	18.05	17.92	17.08	18.38	18.12	17.55
345	18.17	18.03	17.32	18.49	18.19	17.72
360	18.28	18.17	17.58	18.38	18.25	17.78
375	18.31	18.21	17.68	18.42	18.32	17.89
390	18.34	18.33	17.78	18.65	18.41	18.00
405	18.46	18.41	17.85	18.72	18.53	18.10
420	18.58	18.60	17.93	18.78	18.62	18.15
435	18.59	18.63	17.99	18.88	18.71	18.25
450	18.62	18.66	18.03	18.95	18.76	18.37
465	18.69	18.76	18.08	19.03	18.80	18.44
480	18.75	18.83	18.15	19.11	18.86	18.58

Table B.5.1.2.36. Consecutive hydration diameters of round Xanthan Gum tablets with Orphenadrine HCl. R/D 1.43, porosity 17.5%.

B.5.2. Elongated Tablets.

B.5.2.1. Tablet mean height.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.58	2.60	2.60
10	5.20	5.36	5.36
20	6.10	6.11	6.44
30	6.87	7.32	7.18
40	7.74	8.12	7.87

50	8.23	8.71	8.46
60	8.81	8.90	8.92
70	9.17	9.33	9.39
80	9.45	9.67	9.57
90	9.78	9.75	9.90
100	10.17	10.09	10.51
110	10.33	10.26	10.54
120	10.75	10.53	10.66
130	10.94	10.83	10.86
140	11.32	11.06	11.08
150	11.55	11.50	11.39
160	11.71	11.63	11.77
170	11.91	12.01	11.88
180	12.17	12.03	12.20
190	12.55	12.22	12.51
200	12.67	12.48	12.54
210	12.71	12.73	12.80
220	12.87	13.02	12.96
230	13.02	13.16	13.19
240	13.26	13.47	13.29
255	13.54	13.71	13.62
270	13.81	13.93	14.04
285	14.01	14.19	14.33
300	14.31	14.35	14.48
315	14.49	14.53	14.76
330	14.69	14.70	14.75
345	14.85	14.97	14.88
360	15.00	15.09	15.00
375	15.07	15.25	15.19
390	15.27	15.27	15.33
405	15.36	15.50	15.39
420	15.51	15.69	15.59
435	15.65	15.77	15.70
450	15.79	15.94	15.90

465	15.94	16.06	16.15
480	16.13	16.11	16.29

Table B.5.2.1.1. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 15%.

	height after swelling (mm)		
	1	2	3
time(min)			
0	2.58	2.59	2.58
10	5.38	5.50	5.58
20	6.27	6.26	6.46
30	7.09	7.44	6.83
40	7.79	7.66	7.88
50	8.34	8.64	8.41
60	8.76	8.89	8.55
70	9.20	9.25	9.21
80	9.45	9.43	9.44
90	9.82	9.77	9.91
100	10.27	10.17	10.09
110	10.68	10.53	10.50
120	10.73	10.62	10.73
130	10.94	10.88	10.94
140	11.25	11.32	10.89
150	11.57	11.54	11.50
160	11.88	11.85	11.69
170	12.05	11.89	11.93
180	12.34	12.26	12.08
190	12.63	12.38	12.31
200	12.88	12.62	12.64
210	13.14	12.83	12.92

220	13.18	12.93	12.89
230	13.39	13.14	13.10
240	13.56	13.35	13.24
255	13.93	13.75	13.59
270	14.12	13.91	13.82
285	14.46	14.20	14.06
300	14.51	14.35	14.52
315	14.75	14.63	14.55
330	15.02	14.78	14.76
345	15.12	14.99	14.87
360	15.26	15.16	15.02
375	15.37	15.31	15.19
390	15.53	15.48	15.37
405	15.60	15.60	15.51
420	15.85	15.69	15.68
435	15.89	15.83	15.87
450	16.00	15.97	15.96
465	16.05	16.02	16.20
480	16.16	16.15	16.31

Table B.5.2.1.2. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.58	2.58	2.57
10	5.23	5.26	5.22
20	6.16	6.23	6.15
30	6.94	7.15	7.07
40	7.77	7.85	7.77

50	8.21	8.34	8.45
60	8.73	8.78	8.72
70	9.04	9.23	9.12
80	9.36	9.39	9.26
90	9.61	9.73	9.58
100	9.93	10.05	9.88
110	10.47	10.37	10.29
120	10.71	10.67	10.40
130	10.79	11.16	10.77
140	11.31	11.22	11.11
150	11.44	11.59	11.37
160	11.67	11.76	11.55
170	11.84	11.97	11.75
180	12.13	12.27	12.09
190	12.30	12.45	12.29
200	12.43	12.61	12.63
210	12.73	12.87	12.74
220	12.84	13.10	13.01
230	13.01	13.30	13.25
240	13.12	13.53	13.38
255	13.45	13.78	13.65
270	13.84	13.92	13.85
285	13.99	14.19	14.14
300	14.30	14.41	14.26
315	14.40	14.61	14.51
330	14.68	14.90	14.72
345	14.83	15.05	14.91
360	14.95	15.17	15.14
375	15.25	15.34	15.26
390	15.30	15.49	15.35
405	15.61	15.66	15.50
420	15.74	15.79	15.74
435	15.80	15.95	15.77
450	15.94	16.02	15.90

465	16.13	16.12	15.97
480	16.23	16.17	16.12

Table B.5.2.1.3. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 20%.

	height after swelling (mm)		
	1	2	3
time(min)			
0	4.64	4.66	4.64
10	7.34	7.23	7.18
20	7.82	7.91	7.79
30	8.54	8.46	8.50
40	9.18	9.26	9.62
50	9.73	9.90	10.05
60	10.21	10.24	10.50
70	10.58	10.61	10.87
80	10.96	10.94	11.13
90	11.35	11.16	11.49
100	11.79	11.73	11.93
110	12.16	12.00	12.24
120	12.51	12.38	12.46
130	12.72	12.63	12.63
140	12.93	12.94	12.86
150	13.18	13.16	13.12
160	13.42	13.43	13.28
170	13.68	13.62	13.46
180	13.93	13.85	13.61
190	14.16	14.05	13.98
200	14.37	14.30	14.18
210	14.51	14.51	14.47

220	14.71	14.73	14.63
230	14.90	14.91	14.98
240	15.12	15.14	15.21
255	15.40	15.33	15.49
270	15.68	15.57	15.78
285	16.00	15.85	16.03
300	16.39	16.15	16.26
315	16.67	16.38	16.58
330	16.93	16.70	16.97
345	17.23	17.01	17.13
360	17.51	17.20	17.45
375	17.72	17.48	17.67
390	17.92	17.67	17.90
405	18.06	17.89	18.16
420	18.28	18.15	18.37
435	18.53	18.40	18.50
450	18.71	18.59	18.74
465	18.89	18.74	18.93
480	19.11	18.90	19.06

Table B.5.2.1.4. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.65	4.63	4.62
10	7.10	7.14	7.16
20	7.58	7.89	7.92
30	8.32	8.46	8.64

40	9.15	9.16	9.52
50	9.59	9.64	10.07
60	10.07	10.04	10.58
70	10.30	10.44	10.93
80	10.57	10.84	11.28
90	11.07	11.15	11.63
100	11.43	11.66	11.92
110	11.90	11.99	12.15
120	12.22	12.33	12.42
130	12.65	12.60	12.62
140	12.86	12.80	13.02
150	13.06	13.04	13.19
160	13.31	13.26	13.12
170	13.53	13.35	13.29
180	13.79	13.63	13.42
190	13.93	13.95	13.63
200	14.25	14.16	13.82
210	14.56	14.32	14.05
220	14.85	14.59	14.30
230	15.10	14.82	14.54
240	15.34	15.14	14.72
255	15.49	15.39	14.93
270	15.68	15.61	15.15
285	15.96	15.82	15.34
300	16.21	16.16	15.56
315	16.48	16.45	15.84
330	16.77	16.69	16.16
345	17.03	16.94	16.75
360	17.29	17.25	17.06
375	17.55	17.50	17.28
390	17.87	17.84	17.45
405	18.09	18.01	17.66
420	18.30	18.25	17.95
435	18.49	18.43	18.22

450	18.69	18.57	18.41
465	18.88	18.69	18.68
480	19.16	18.87	18.99

Table B.5.2.1.5. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.62	4.64	4.63
10	7.12	7.08	7.27
20	7.87	7.76	7.98
30	8.37	8.35	8.85
40	9.19	8.99	9.42
50	9.62	9.41	9.88
60	10.10	9.94	10.39
70	10.53	10.26	10.82
80	10.88	10.62	11.10
90	11.28	10.97	11.58
100	11.67	11.41	11.91
110	12.19	11.96	12.29
120	12.47	12.28	12.51
130	12.59	12.71	12.69
140	12.89	13.04	12.95
150	13.07	13.28	13.10
160	13.30	13.55	13.33
170	13.49	13.73	13.45
180	13.65	14.00	13.72
190	14.07	14.16	13.82
200	14.26	14.44	14.01

210	14.43	14.73	14.28
220	14.58	15.05	14.49
230	14.78	15.34	14.69
240	14.98	15.50	14.86
255	15.27	15.74	15.12
270	15.59	15.94	15.45
285	15.96	16.26	15.83
300	16.07	16.55	16.09
315	16.23	16.82	16.36
330	16.66	17.02	16.77
345	16.87	17.25	16.92
360	17.07	17.49	17.15
375	17.45	17.84	17.37
390	17.54	18.16	17.60
405	17.76	18.28	17.89
420	17.93	18.52	18.07
435	18.19	18.65	18.30
450	18.41	19.01	18.42
465	18.52	19.20	18.68
480	18.70	19.38	18.83

Table B.5.2.1.6. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.61	6.64	6.64
10	9.10	9.20	9.15
20	9.72	9.97	9.91
30	10.36	10.52	10.47

40	10.57	11.03	11.05
50	11.42	11.64	11.63
60	11.73	12.13	12.02
70	12.11	12.36	12.31
80	12.58	12.71	12.62
90	12.86	12.95	12.83
100	13.19	13.31	13.08
110	13.57	13.91	14.05
120	13.94	13.92	13.83
130	14.34	14.24	14.12
140	14.62	14.65	14.56
150	14.93	15.06	14.77
160	15.19	15.09	14.91
170	15.38	15.52	15.15
180	15.71	15.70	15.48
190	15.91	15.92	15.72
200	16.17	16.31	15.94
210	16.45	16.60	16.25
220	16.78	16.94	16.52
230	17.05	17.14	16.79
240	17.49	17.55	17.05
255	17.81	18.04	17.43
270	18.15	18.26	17.81
285	18.43	18.54	18.17
300	18.72	18.95	18.42
315	19.03	19.20	18.78
330	19.34	19.50	19.04
345	19.55	19.74	19.28
360	19.83	19.94	19.58
375	20.04	20.17	19.78
390	20.29	20.40	20.09
405	20.50	20.64	20.29
420	20.74	20.77	20.52
435	20.99	20.93	20.70

450	21.23	21.01	20.98
465	21.41	21.19	21.23
480	21.73	21.47	21.59

Table B.5.2.1.7. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.62	6.63	6.63
10	9.09	9.17	8.82
20	9.79	9.89	9.62
30	10.51	10.59	10.23
40	10.98	11.05	10.75
50	11.32	11.58	11.43
60	11.77	11.98	11.85
70	12.04	12.54	12.12
80	12.51	12.92	12.61
90	12.81	13.20	12.86
100	13.20	13.50	13.18
110	13.47	13.90	13.48
120	13.83	14.12	13.85
130	13.98	14.56	14.17
140	14.35	14.85	14.55
150	14.61	15.13	14.79
160	15.02	15.45	15.05
170	15.40	15.76	15.32
180	15.71	16.08	15.64
190	15.90	16.43	15.79
200	16.19	16.80	16.11

210	16.40	17.01	16.37
220	16.72	17.40	16.73
230	16.93	17.58	16.97
240	17.37	17.87	17.40
255	17.89	18.12	17.76
270	18.11	18.49	18.12
285	18.36	18.83	18.39
300	18.69	19.16	18.77
315	18.92	19.64	19.06
330	19.17	19.89	19.31
345	19.50	19.99	19.54
360	19.80	20.21	19.81
375	20.05	20.42	20.05
390	20.30	20.67	20.36
405	20.53	20.84	20.52
420	20.74	20.96	20.69
435	21.02	20.93	20.96
450	21.15	21.20	21.14
465	21.29	21.47	21.34
480	21.54	21.64	21.68

Table B.5.2.1.8. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.63	6.63	6.63
10	9.12	9.19	9.09
20	9.86	9.82	9.86

30	10.55	10.37	10.68
40	10.97	10.89	10.93
50	11.43	11.39	11.56
60	11.88	11.82	11.92
70	12.15	12.38	12.35
80	12.57	12.72	12.68
90	12.86	12.99	12.89
100	13.17	13.34	13.09
110	13.48	13.82	13.84
120	13.84	13.96	13.82
130	13.99	14.36	14.12
140	14.32	14.63	14.54
150	14.53	14.96	14.91
160	15.36	15.34	14.96
170	15.64	15.63	15.35
180	15.95	15.90	15.60
190	16.09	16.22	15.77
200	16.38	16.43	16.24
210	16.55	16.74	16.58
220	16.75	16.93	16.84
230	17.24	17.15	17.18
240	17.47	17.64	17.39
255	17.77	17.89	17.84
270	18.07	18.30	18.14
285	18.33	18.57	18.49
300	18.61	18.85	18.76
315	18.92	19.28	19.06
330	19.25	19.47	19.41
345	19.44	19.81	19.64
360	19.69	20.12	19.80
375	19.83	20.35	20.02
390	20.18	20.56	20.23
405	20.47	20.80	20.46
420	20.73	20.91	20.65

435	21.01	21.21	20.74
450	21.14	21.36	20.92
465	21.40	21.56	21.06
480	21.63	21.79	21.31

Table B.5.2.1.9. Consecutive hydration heights of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 20%.

	height after swelling (mm)		
	1	2	3
time(min)			
0	2.57	2.55	2.56
10	5.39	5.35	5.35
20	5.97	6.06	5.72
30	6.36	6.37	6.07
40	6.53	6.49	6.23
50	6.68	6.57	6.42
60	6.82	6.64	6.53
70	6.93	6.71	6.64
80	7.06	6.81	6.75
90	7.22	6.93	6.84
100	7.36	7.10	7.03
110	7.46	7.30	7.09
120	7.58	7.37	7.17
130	7.68	7.47	7.26
140	7.79	7.62	7.40
150	7.91	7.72	7.52
160	8.04	7.87	7.62
170	8.14	7.99	7.70
180	8.24	8.06	7.81

190	8.34	8.17	7.92
200	8.53	8.25	8.05
210	8.64	8.39	8.18
220	8.72	8.54	8.28
230	8.81	8.62	8.37
240	8.94	8.72	8.50
255	9.13	8.95	8.68
270	9.25	9.08	8.81
285	9.42	9.22	9.03
300	9.58	9.48	9.18
315	9.72	9.58	9.30
330	9.79	9.70	9.41
345	9.89	9.80	9.53
360	9.99	9.91	9.59
375	10.09	10.01	9.68
390	10.28	10.19	9.84
405	10.41	10.29	9.96
420	10.51	10.40	10.10
435	10.62	10.56	10.21
450	10.73	10.68	10.29
465	10.84	10.78	10.42
480	10.92	10.87	10.54

Table B.5.2.1.10. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.56	2.56	2.56
10	5.36	5.36	5.27

20	5.77	5.85	5.84
30	5.97	6.27	6.31
40	6.08	6.44	6.52
50	6.25	6.57	6.70
60	6.38	6.68	6.80
70	6.56	6.80	6.87
80	6.73	6.88	6.97
90	6.83	7.02	7.13
100	7.03	7.17	7.27
110	7.12	7.27	7.41
120	7.19	7.35	7.52
130	7.28	7.46	7.64
140	7.44	7.57	7.74
150	7.56	7.68	7.85
160	7.63	7.81	7.94
170	7.72	7.88	8.03
180	7.82	7.98	8.14
190	7.92	8.10	8.24
200	8.02	8.27	8.41
210	8.14	8.39	8.52
220	8.23	8.49	8.62
230	8.33	8.58	8.73
240	8.47	8.69	8.84
255	8.67	8.90	9.05
270	8.83	9.00	9.20
285	8.91	9.13	9.36
300	9.08	9.22	9.48
315	9.32	9.40	9.60
330	9.48	9.48	9.72
345	9.61	9.64	9.82
360	9.67	9.74	9.90
375	9.74	9.83	10.01
390	9.91	10.01	10.15
405	10.03	10.11	10.26

420	10.14	10.21	10.36
435	10.17	10.33	10.47
450	10.36	10.46	10.57
465	10.47	10.58	10.68
480	10.58	10.67	10.83

Table B.5.2.1.11. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.56	2.56	2.56
10	5.36	5.41	5.42
20	5.93	5.81	5.83
30	6.07	6.03	6.20
40	6.19	6.17	6.34
50	6.34	6.28	6.56
60	6.42	6.34	6.65
70	6.51	6.43	6.77
80	6.60	6.54	6.86
90	6.72	6.69	7.00
100	6.91	6.84	7.17
110	7.06	7.24	7.27
120	7.13	7.33	7.34
130	7.20	7.41	7.42
140	7.36	7.54	7.57
150	7.47	7.69	7.72
160	7.62	7.80	7.83
170	7.73	7.89	7.91
180	7.80	8.01	8.03

190	7.89	8.10	8.14
200	7.98	8.19	8.24
210	8.13	8.28	8.38
220	8.26	8.40	8.47
230	8.33	8.53	8.57
240	8.56	8.64	8.71
255	8.80	8.80	8.87
270	8.91	8.94	9.01
285	9.07	9.09	9.13
300	9.21	9.34	9.37
315	9.36	9.50	9.54
330	9.50	9.62	9.70
345	9.65	9.71	9.80
360	9.75	9.79	9.86
375	9.83	9.86	9.92
390	10.00	10.02	10.10
405	10.08	10.15	10.23
420	10.17	10.26	10.37
435	10.32	10.39	10.51
450	10.44	10.45	10.61
465	10.53	10.59	10.74
480	10.62	10.75	10.89

Table B.5.2.1.12. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.61	4.61	4.62
10	6.93	6.89	6.92

20	7.56	7.74	7.55
30	7.90	8.15	7.99
40	8.27	8.43	8.21
50	8.61	8.76	8.58
60	8.84	8.99	8.85
70	9.00	9.15	9.10
80	9.10	9.24	9.41
90	9.17	9.32	9.59
100	9.31	9.46	9.74
110	9.39	9.54	9.81
120	9.46	9.64	9.97
130	9.62	9.71	10.09
140	9.76	9.87	10.23
150	9.94	10.01	10.38
160	10.14	10.22	10.48
170	10.21	10.28	10.58
180	10.26	10.38	10.68
190	10.33	10.49	10.75
200	10.54	10.62	10.93
210	10.65	10.80	11.08
220	10.75	10.98	11.18
230	10.89	11.12	11.34
240	11.07	11.24	11.43
255	11.21	11.33	11.54
270	11.31	11.43	11.66
285	11.52	11.64	11.77
300	11.68	11.79	11.96
315	11.86	11.97	12.00
330	12.00	12.09	12.14
345	12.10	12.25	12.22
360	12.23	12.39	12.34
375	12.35	12.55	12.49
390	12.65	12.84	12.73
405	12.71	12.97	12.93

420	12.85	13.03	13.04
435	12.99	13.17	13.18
450	12.79	13.29	13.35
465	12.93	13.39	13.49
480	13.46	13.51	13.39

Table B.5.2.1.13. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 15%.

time(min)	height after swelling (mm)		
	1	2	3
0	4.61	4.61	4.61
10	6.79	6.87	6.95
20	7.48	7.72	7.52
30	7.86	8.27	7.96
40	8.24	8.60	8.26
50	8.59	8.90	8.55
60	8.81	9.10	8.84
70	9.07	9.21	8.99
80	9.21	9.34	9.17
90	9.35	9.40	9.34
100	9.45	9.46	9.47
110	9.51	9.52	9.61
120	9.62	9.63	9.68
130	9.74	9.74	9.77
140	9.86	9.90	9.95
150	10.01	10.06	10.14
160	10.21	10.11	10.25
170	10.35	10.30	10.37
180	10.38	10.38	10.39

190	10.45	10.53	10.43
200	10.68	10.71	10.55
210	10.82	10.86	10.77
220	10.97	10.99	10.91
230	11.10	11.21	11.07
240	11.22	11.22	11.14
255	11.35	11.37	11.23
270	11.47	11.51	11.41
285	11.65	11.66	11.56
300	11.80	11.80	11.73
315	11.98	11.92	11.93
330	12.13	12.07	12.13
345	12.31	12.21	12.30
360	12.33	12.33	12.50
375	12.35	12.55	12.49
390	12.73	12.70	12.94
405	12.81	12.90	13.05
420	12.96	12.86	13.20
435	13.06	12.97	13.32
450	13.15	13.12	13.47
465	13.27	13.31	13.67
480	13.39	13.39	13.81

Table B.5.2.1.14. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.59	4.60	4.58
10	6.89	6.84	6.69

20	7.56	7.64	7.22
30	7.93	7.93	7.77
40	8.45	8.35	8.19
50	8.73	8.74	8.52
60	8.93	8.91	8.78
70	9.21	9.05	8.92
80	9.31	9.24	9.06
90	9.42	9.45	9.18
100	9.48	9.56	9.32
110	9.54	9.67	9.45
120	9.68	9.80	9.60
130	9.80	9.91	9.80
140	9.91	10.05	9.89
150	10.05	10.14	10.03
160	10.23	10.24	10.23
170	10.42	10.38	10.34
180	10.46	10.40	10.35
190	10.57	10.41	10.42
200	10.84	10.61	10.61
210	10.94	10.79	10.80
220	11.08	10.90	10.93
230	11.19	11.09	11.07
240	11.28	11.28	11.19
255	11.39	11.49	11.30
270	11.52	11.62	11.44
285	11.68	11.81	11.62
300	11.87	11.92	11.71
315	11.94	12.07	11.83
330	12.08	12.21	11.94
345	12.15	12.35	12.06
360	12.27	12.51	12.20
375	12.35	12.55	12.49
390	12.67	12.88	12.68
405	12.79	12.99	12.76

420	12.88	13.11	12.90
435	13.01	13.23	13.02
450	13.18	13.33	13.11
465	13.34	13.43	13.23
480	13.50	13.52	13.36

Table B.5.2.1.15. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.64	6.65	6.65
10	9.20	9.17	9.28
20	9.49	9.53	9.47
30	9.85	9.83	10.01
40	10.06	10.10	10.16
50	10.26	10.26	10.28
60	10.45	10.38	10.45
70	10.58	10.52	10.58
80	10.69	10.67	10.66
90	10.77	10.80	10.82
100	10.92	10.95	10.94
110	11.01	11.07	11.05
120	11.16	11.23	11.18
130	11.29	11.29	11.29
140	11.38	11.50	11.40
150	11.53	11.65	11.51
160	11.65	11.81	11.79
170	11.80	11.96	11.89
180	11.88	12.04	12.01

190	12.02	12.23	12.14
200	12.12	12.29	12.30
210	12.22	12.41	12.43
220	12.29	12.54	12.56
230	12.47	12.71	12.75
240	12.60	12.85	12.88
255	12.81	12.96	12.98
270	12.93	13.06	13.09
285	13.12	13.21	13.25
300	13.27	13.33	13.38
315	13.36	13.48	13.55
330	13.48	13.60	13.66
345	13.60	13.74	13.81
360	13.70	13.84	13.95
375	13.89	13.97	14.03
390	13.88	14.11	14.15
405	13.96	14.26	14.27
420	14.14	14.34	14.33
435	14.33	14.41	14.41
450	14.37	14.52	14.47
465	14.41	14.57	14.49
480	14.49	14.80	14.60

Table B.5.2.1.16. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.61	6.63	6.64
10	9.20	9.22	9.26

20	9.53	9.51	9.57
30	9.88	9.93	9.98
40	10.21	10.11	10.29
50	10.34	10.27	10.49
60	10.50	10.44	10.71
70	10.61	10.58	10.83
80	10.71	10.66	10.89
90	10.85	10.83	11.03
100	10.97	10.94	11.17
110	11.07	11.05	11.34
120	11.27	11.29	11.46
130	11.37	11.40	11.61
140	11.49	11.48	11.74
150	11.66	11.61	11.81
160	11.79	11.77	12.01
170	11.92	11.90	12.17
180	12.05	12.04	12.31
190	12.22	12.19	12.49
200	12.38	12.33	12.57
210	12.50	12.41	12.73
220	12.58	12.56	12.73
230	12.79	12.65	12.85
240	12.90	12.79	13.01
255	13.03	12.90	13.12
270	13.19	12.99	13.25
285	13.36	13.12	13.39
300	13.44	13.27	13.48
315	13.66	13.38	13.61
330	13.78	13.48	13.70
345	13.90	13.61	13.81
360	13.98	13.78	13.91
375	14.10	13.90	14.08
390	14.25	14.01	14.13
405	14.36	14.14	14.24

420	14.50	14.22	14.31
435	14.60	14.30	14.41
450	14.68	14.37	14.46
465	14.71	14.42	14.51
480	14.77	14.53	14.63

Table B.5.2.1.17. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.61	6.60	6.59
10	9.22	9.28	9.14
20	9.41	9.55	9.54
30	9.72	9.93	9.86
40	9.97	10.17	10.22
50	10.15	10.32	10.49
60	10.29	10.45	10.64
70	10.52	10.60	10.77
80	10.67	10.78	10.82
90	10.78	10.90	10.96
100	10.92	11.02	11.09
110	11.06	11.17	11.21
120	11.21	11.32	11.33
130	11.31	11.35	11.49
140	11.43	11.54	11.64
150	11.54	11.69	11.72
160	11.69	11.86	11.89
170	11.83	11.94	12.00
180	11.91	12.11	12.13

190	12.04	12.22	12.28
200	12.15	12.32	12.46
210	12.33	12.45	12.58
220	12.47	12.41	12.69
230	12.68	12.62	12.83
240	12.88	12.66	12.98
255	12.97	12.78	13.12
270	13.12	12.88	13.23
285	13.22	13.02	13.40
300	13.35	13.17	13.52
315	13.47	13.26	13.69
330	13.59	13.42	13.79
345	13.71	13.55	13.92
360	13.82	13.71	14.03
375	13.93	13.85	14.13
390	14.08	13.92	14.21
405	14.14	14.02	14.34
420	14.25	14.09	14.45
435	14.38	14.28	14.53
450	14.40	14.33	14.59
465	14.43	14.38	14.71
480	14.49	14.44	14.67

Table B.5.2.1.18. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.56	2.57	2.56
10	5.00	5.12	4.91

20	5.26	5.24	5.19
30	5.36	5.29	5.49
40	5.53	5.49	5.64
50	5.60	5.60	5.72
60	5.92	5.72	5.87
70	6.02	5.85	5.98
80	6.14	5.96	6.13
90	6.20	5.98	6.20
100	6.25	6.12	6.25
110	6.35	6.19	6.33
120	6.40	6.28	6.35
130	6.48	6.39	6.43
140	6.54	6.46	6.46
150	6.73	6.56	6.66
160	6.84	6.63	6.71
170	6.93	6.76	6.80
180	6.98	6.85	6.85
190	7.17	6.92	6.90
200	7.32	7.09	7.04
210	7.45	7.24	7.21
220	7.58	7.36	7.30
230	7.77	7.48	7.41
240	7.87	7.73	7.64
255	8.01	7.93	7.76
270	8.20	8.06	7.88
285	8.36	8.24	8.06
300	8.52	8.45	8.26
315	8.72	8.62	8.49
330	8.92	8.75	8.65
345	9.19	8.92	8.81
360	9.30	9.09	9.04
375	9.45	9.40	9.20
390	9.69	9.61	9.38
405	9.79	9.68	9.52

420	9.94	9.79	9.70
435	10.06	9.89	9.88
450	10.17	10.03	10.02
465	10.30	10.24	10.21
480	10.40	10.36	10.39

Table B.5.2.1.19. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.56	2.54	2.56
10	5.17	5.18	4.95
20	5.35	5.30	5.15
30	5.50	5.42	5.46
40	5.68	5.58	5.62
50	5.87	5.66	5.72
60	5.98	5.81	5.86
70	6.25	5.92	5.97
80	6.25	6.00	6.18
90	6.29	6.02	6.24
100	6.44	6.14	6.29
110	6.49	6.22	6.37
120	6.53	6.32	6.38
130	6.59	6.42	6.43
140	6.59	6.45	6.46
150	6.81	6.76	6.78
160	6.88	6.83	6.84
170	6.97	6.89	6.90
180	7.09	6.96	6.95

190	7.13	7.00	7.00
200	7.26	7.05	7.05
210	7.44	7.28	7.30
220	7.57	7.44	7.39
230	7.69	7.60	7.51
240	7.84	7.84	7.70
255	7.97	8.05	7.88
270	8.22	8.20	7.98
285	8.50	8.42	8.18
300	8.67	8.60	8.36
315	8.88	8.75	8.52
330	8.99	8.87	8.70
345	9.19	9.08	8.86
360	9.35	9.20	9.05
375	9.47	9.42	9.20
390	9.62	9.57	9.34
405	9.72	9.68	9.49
420	9.82	9.79	9.67
435	9.92	9.93	9.88
450	10.00	10.09	9.98
465	10.23	10.18	10.16
480	10.37	10.30	10.36

Table B.5.2.1.20. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	2.56	2.56	2.57
10	5.03	5.20	4.99

20	5.26	5.39	5.27
30	5.37	5.56	5.48
40	5.51	5.69	5.59
50	5.70	5.84	5.71
60	5.82	5.95	5.83
70	6.00	6.10	5.96
80	6.06	6.18	6.00
90	6.13	6.25	6.07
100	6.23	6.38	6.17
110	6.31	6.46	6.27
120	6.38	6.48	6.36
130	6.44	6.56	6.51
140	6.62	6.65	6.68
150	6.72	6.78	6.78
160	6.79	6.84	6.84
170	6.83	6.88	6.91
180	6.90	6.95	6.95
190	7.05	7.07	7.10
200	7.12	7.10	7.14
210	7.31	7.27	7.14
220	7.46	7.46	7.27
230	7.54	7.49	7.33
240	7.70	7.61	7.46
255	7.85	7.79	7.66
270	7.98	8.03	7.83
285	8.20	8.18	8.04
300	8.46	8.46	8.23
315	8.61	8.64	8.38
330	8.76	8.76	8.58
345	8.87	8.86	8.71
360	9.06	9.05	8.88
375	9.30	9.25	9.11
390	9.44	9.37	9.33
405	9.62	9.53	9.51

420	9.73	9.74	9.63
435	9.84	9.84	9.83
450	9.93	10.02	10.03
465	10.10	10.14	10.18
480	10.28	10.37	10.38

Table B.5.2.1.21. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.60	4.59	4.58
10	6.04	6.00	6.06
20	6.33	6.33	6.41
30	6.68	6.68	6.50
40	6.93	6.75	6.69
50	7.12	6.85	6.75
60	7.30	6.96	6.96
70	7.37	7.18	7.04
80	7.40	7.22	7.11
90	7.48	7.42	7.22
100	7.56	7.48	7.32
110	7.58	7.59	7.37
120	7.58	7.63	7.38
130	7.67	7.68	7.45
140	7.75	7.74	7.51
150	7.87	7.81	7.56
160	7.91	7.83	7.63
170	8.00	7.86	7.71
180	8.05	7.91	7.77

190	8.12	7.99	7.82
200	8.13	8.06	7.87
210	8.17	8.11	7.95
220	8.24	8.15	8.02
230	8.30	8.28	8.09
240	8.39	8.23	8.17
255	8.46	8.34	8.26
270	8.55	8.48	8.34
285	8.63	8.61	8.43
300	8.68	8.70	8.49
315	8.71	8.76	8.54
330	8.80	8.84	8.63
345	8.90	8.90	8.73
360	8.95	8.95	8.80
375	9.04	9.02	8.90
390	9.12	9.10	8.97
405	9.19	9.26	9.05
420	9.26	9.26	9.14
435	9.37	9.33	9.21
450	9.45	9.40	9.28
465	9.53	9.53	9.33
480	9.62	9.60	9.38

Table B.5.2.1.22. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	4.58	4.57	4.57
10	5.93	6.23	5.96

20	6.22	6.43	6.22
30	6.36	6.60	6.43
40	6.48	6.80	6.61
50	6.74	6.85	6.74
60	6.89	7.02	6.82
70	7.04	7.17	6.87
80	7.12	7.21	6.96
90	7.25	7.35	7.04
100	7.31	7.40	7.09
110	7.39	7.48	7.16
120	7.40	7.58	7.26
130	7.47	7.63	7.29
140	7.53	7.66	7.37
150	7.62	7.72	7.44
160	7.65	7.80	7.52
170	7.72	7.83	7.59
180	7.83	7.91	7.68
190	8.00	7.97	7.74
200	8.06	8.04	7.78
210	8.16	8.11	7.84
220	8.21	8.15	7.89
230	8.29	8.22	7.95
240	8.39	8.28	8.04
255	8.48	8.34	8.19
270	8.57	8.46	8.27
285	8.64	8.51	8.33
300	8.70	8.57	8.41
315	8.70	8.63	8.50
330	8.75	8.71	8.58
345	8.82	8.78	8.66
360	8.89	8.88	8.72
375	8.99	8.97	8.79
390	9.06	9.04	8.89
405	9.09	9.12	8.95

420	9.13	9.20	9.02
435	9.20	9.28	9.13
450	9.29	9.33	9.23
465	9.36	9.42	9.30
480	9.40	9.55	9.42

Table B.5.2.1.23. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 17.5%.

	height after swelling (mm)		
	1	2	3
time(min)			
0	4.57	4.58	4.57
10	6.23	6.17	6.00
20	6.48	6.55	6.12
30	6.65	6.68	6.19
40	6.85	7.03	6.40
50	6.99	7.20	6.58
60	7.11	7.29	6.43
70	7.20	7.37	6.54
80	7.22	7.40	6.66
90	7.33	7.47	6.78
100	7.38	7.53	6.88
110	7.44	7.56	6.96
120	7.59	7.61	7.03
130	7.65	7.67	7.11
140	7.71	7.75	7.23
150	7.79	7.84	7.28
160	7.82	7.98	7.32
170	7.86	8.08	7.37
180	7.94	8.14	7.45

190	8.00	8.18	7.56
200	8.05	8.21	7.63
210	8.11	8.25	7.69
220	8.18	8.33	7.76
230	8.24	8.41	7.86
240	8.33	8.50	7.86
255	8.41	8.64	7.92
270	8.49	8.70	7.99
285	8.51	8.76	8.08
300	8.62	8.84	8.18
315	8.68	8.94	8.26
330	8.77	9.00	8.36
345	8.83	9.09	8.45
360	8.92	9.16	8.54
375	9.03	9.23	8.63
390	9.12	9.31	8.72
405	9.17	9.37	8.82
420	9.24	9.48	8.85
435	9.37	9.55	8.93
450	9.42	9.64	8.98
465	9.49	9.71	9.08
480	9.62	9.80	9.20

Table B.5.2.1.24. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 20%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.62	6.62	6.62
10	8.12	8.26	7.86

20	8.32	8.54	8.14
30	8.47	8.71	8.31
40	8.62	9.00	8.59
50	8.85	9.15	8.75
60	9.02	9.27	8.87
70	9.15	9.33	8.94
80	9.23	9.46	9.07
90	9.36	9.60	9.18
100	9.46	9.67	9.27
110	9.56	9.71	9.31
120	9.70	9.82	9.42
130	9.79	9.90	9.51
140	9.87	9.99	9.60
150	9.98	10.09	9.69
160	10.07	10.19	9.79
170	10.19	10.34	9.93
180	10.26	10.47	10.08
190	10.30	10.58	10.15
200	10.34	10.67	10.28
210	10.43	10.73	10.34
220	10.49	10.79	10.38
230	10.56	10.86	10.48
240	10.64	10.88	10.45
255	10.69	10.95	10.55
270	10.78	11.04	10.66
285	10.84	11.11	10.76
300	10.93	11.21	10.54
315	10.99	11.27	10.90
330	11.04	11.31	10.89
345	11.12	11.35	10.95
360	11.17	11.45	11.08
375	11.22	11.49	11.12
390	11.27	11.53	11.17
405	11.41	11.66	11.28

420	11.48	11.72	11.32
435	11.56	11.81	11.45
450	11.67	11.88	11.51
465	11.74	12.00	11.63
480	11.90	12.10	11.73

Table B.5.2.1.25. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 15%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.62	6.62	6.63
10	8.17	7.95	8.21
20	8.33	8.32	8.46
30	8.56	8.40	8.63
40	8.83	8.77	8.78
50	9.14	8.97	8.99
60	9.19	9.13	9.08
70	9.25	9.22	9.16
80	9.34	9.37	9.28
90	9.40	9.45	9.36
100	9.57	9.52	9.10
110	9.68	9.58	9.16
120	9.79	9.64	9.24
130	9.88	9.73	9.62
140	9.94	9.83	9.68
150	10.05	9.90	9.74
160	10.09	9.95	9.52
170	10.21	10.07	9.92
180	10.29	10.28	10.02

190	10.36	10.41	9.77
200	10.49	10.46	9.83
210	10.62	10.51	10.21
220	10.72	10.58	10.34
230	10.78	10.77	10.42
240	10.87	10.86	10.48
255	10.93	10.98	10.54
270	10.97	11.05	10.61
285	11.08	11.11	10.67
300	11.15	11.17	10.80
315	11.19	11.17	10.88
330	11.28	11.21	10.95
345	11.31	11.27	11.01
360	11.38	11.40	11.10
375	11.45	11.46	11.18
390	11.51	11.57	11.26
405	11.56	11.61	11.41
420	11.61	11.66	11.49
435	11.65	11.74	11.56
450	11.76	11.85	11.67
465	11.87	11.93	11.78
480	12.05	11.99	11.93

Table B.5.2.1.26. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 17.5%.

height after swelling (mm)			
	1	2	3
time(min)			
0	6.62	6.62	6.62

10	8.11	8.08	8.09
20	8.34	8.44	8.42
30	8.46	8.67	8.67
40	8.75	8.98	8.99
50	9.05	9.11	9.16
60	9.09	9.29	9.29
70	9.16	9.36	9.37
80	9.31	9.46	9.47
90	9.40	9.57	9.57
100	9.55	9.64	9.66
110	9.62	9.74	9.74
120	9.68	9.85	9.85
130	9.80	9.96	9.92
140	9.86	10.08	10.01
150	9.97	10.16	10.09
160	10.05	10.20	10.16
170	10.10	10.27	10.27
180	10.26	10.33	10.37
190	10.30	10.39	10.46
200	10.34	10.51	10.58
210	10.41	10.56	10.71
220	10.51	10.63	10.80
230	10.67	10.68	10.84
240	10.70	10.73	10.90
255	10.75	10.81	10.97
270	10.84	10.89	11.02
285	10.92	10.92	11.11
300	11.02	11.00	11.18
315	11.06	11.05	11.27
330	11.10	11.10	11.32
345	11.24	11.18	11.39
360	11.29	11.24	11.46
375	11.34	11.32	11.53
390	11.40	11.38	11.61

405	11.46	11.49	11.68
420	11.49	11.62	11.73
435	11.59	11.72	11.80
450	11.67	11.81	11.88
465	11.75	11.92	11.96
480	11.83	12.03	12.04

Table B.5.2.1.27. Consecutive hydration heights of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 20%.

B.5.2.2. Tablet length.

	length after swelling (mm)		
	1	2	3
time(min)			
0	25.26	25.23	25.22
10	27.35	27.33	27.33
20	28.45	28.59	28.71
30	29.34	29.01	29.46
40	30.11	29.66	29.99
50	30.62	30.70	30.73
60	30.76	31.19	31.09
70	31.12	31.64	31.58
80	31.85	31.99	32.33
90	32.46	32.64	32.89
100	33.61	33.60	33.71
110	34.55	34.12	34.44
120	35.23	34.80	35.45

130	35.68	35.59	35.94
140	36.27	36.18	36.63
150	36.74	36.79	37.35
160	37.42	37.45	38.61
170	38.80	38.37	39.34
180	39.61	38.99	39.76
190	40.25	39.71	40.52
200	40.92	40.68	41.36
210	41.64	40.98	41.72
220	41.95	41.41	42.27
230	42.55	41.87	42.80
240	42.82	42.61	43.39
255	43.58	43.54	43.87
270	44.61	44.36	44.33
285	45.37	45.46	44.87
300	46.01	46.22	45.76
315	46.73	46.79	48.12
330	47.05	47.15	48.57
345	47.61	47.52	49.02
360	48.79	47.90	49.41
375	49.24	48.42	49.97
390	49.59	49.11	50.45
405	50.23	49.81	50.98
420	50.93	50.48	51.48
435	51.20	50.99	52.01
450	51.55	51.47	52.59
465	51.94	51.92	52.78
480	52.21	52.14	52.86

Table B.5.2.2.1. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.24	25.29	25.23
10	27.46	27.45	27.47
20	28.72	28.64	28.79
30	29.41	29.34	29.52
40	29.99	30.27	30.21
50	30.81	30.92	30.88
60	30.89	31.10	31.44
70	31.54	31.94	31.85
80	32.60	32.47	32.56
90	33.04	33.27	33.41
100	33.79	34.49	34.01
110	34.51	34.97	34.68
120	35.63	35.47	35.84
130	36.08	36.27	36.31
140	36.68	36.95	36.90
150	37.42	37.64	37.69
160	38.64	38.24	38.42
170	39.29	38.99	39.59
180	39.79	39.59	39.98
190	40.55	40.34	40.74
200	41.21	41.26	41.58
210	41.67	41.85	41.97
220	42.25	42.35	42.51
230	42.64	42.64	42.94
240	43.22	43.33	43.60
255	44.01	43.98	44.33
270	44.89	44.58	44.98
285	45.55	44.97	45.61
300	46.39	45.82	46.91
315	46.97	46.61	47.42
330	48.08	47.75	48.14

345	48.54	48.24	48.96
360	48.77	48.76	49.80
375	49.55	49.21	50.31
390	50.01	49.68	50.78
405	50.67	50.03	51.37
420	51.09	50.71	51.69
435	51.66	51.43	52.48
450	52.31	52.09	53.01
465	52.55	52.24	53.19
480	52.79	52.48	53.41

Table B.5.2.2.2. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.26	25.28
10	27.83	27.59	27.61
20	28.61	28.56	28.61
30	29.37	29.54	29.66
40	29.90	29.90	29.90
50	31.03	31.20	30.86
60	31.80	31.92	31.74
70	32.48	32.56	32.54
80	33.50	33.79	33.47
90	34.38	34.42	34.62
100	35.25	35.54	35.86
110	36.21	36.21	37.10
120	36.93	37.42	37.43
130	37.46	37.85	38.21

140	37.93	38.33	38.78
150	38.41	38.92	39.65
160	39.78	40.03	40.14
170	40.36	40.78	40.81
180	40.94	41.42	41.36
190	41.55	42.11	42.20
200	41.71	42.50	43.00
210	42.15	43.10	43.38
220	42.68	43.81	43.98
230	43.80	43.98	44.21
240	44.19	44.23	44.49
255	44.69	44.79	44.91
270	45.21	45.15	45.68
285	45.86	45.84	46.01
300	46.35	46.69	46.80
315	46.87	47.36	47.26
330	48.21	47.86	47.83
345	48.67	48.35	48.55
360	49.01	48.86	49.12
375	49.64	49.35	49.85
390	50.07	49.60	50.51
405	50.58	50.42	51.46
420	51.07	50.97	51.77
435	51.42	51.42	52.05
450	52.27	52.09	52.50
465	52.61	52.34	52.81
480	52.80	52.64	53.18

Table B.5.2.2.3. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.28	25.27
10	27.41	27.50	26.85
20	28.61	28.52	28.12
30	29.21	28.89	28.82
40	29.64	29.38	29.15
50	30.55	29.86	29.45
60	30.98	30.62	30.20
70	31.43	31.11	30.68
80	31.79	31.46	31.07
90	32.38	31.74	31.31
100	32.65	32.45	31.62
110	33.18	32.97	32.20
120	33.71	33.62	32.79
130	34.01	34.21	33.23
140	34.44	34.80	33.92
150	34.99	35.31	34.17
160	35.37	35.90	34.47
170	35.72	36.29	34.76
180	36.01	36.49	35.26
190	36.63	36.71	35.79
200	36.97	37.11	36.12
210	37.52	37.25	36.51
220	37.81	37.62	37.03
230	38.05	38.01	37.41
240	38.41	38.71	37.73
255	39.86	39.21	38.02
270	39.43	39.93	38.45
285	39.86	40.52	39.07
300	41.29	40.93	39.49
315	41.99	41.38	40.02
330	42.70	41.72	40.71

345	43.26	42.11	41.24
360	43.72	42.49	41.84
375	44.21	43.01	42.36
390	44.49	43.58	43.33
405	44.67	43.89	43.64
420	44.82	44.35	43.99
435	45.32	44.88	44.45
450	45.64	45.24	44.89
465	45.86	45.45	45.46
480	46.04	45.77	46.03

Table B.5.2.2.4. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.29	25.26	25.27
10	27.22	27.33	27.43
20	28.51	28.72	28.56
30	29.22	29.29	28.86
40	29.55	29.40	29.42
50	29.86	30.52	29.79
60	30.62	30.82	30.56
70	31.10	31.23	31.18
80	31.50	31.55	31.51
90	31.74	32.13	31.68
100	32.06	32.77	32.47
110	32.64	33.28	32.89
120	33.24	33.72	33.62
130	33.65	34.14	34.20

140	34.21	34.47	34.72
150	34.60	34.87	35.26
160	34.90	35.30	35.93
170	35.20	35.66	36.33
180	35.70	36.00	36.52
190	36.24	36.42	36.68
200	36.58	36.81	37.16
210	36.97	37.35	37.20
220	37.50	37.77	37.69
230	37.88	38.11	38.12
240	38.21	38.43	38.70
255	38.50	38.75	39.26
270	38.94	39.32	39.90
285	39.56	39.69	40.51
300	39.99	41.30	40.99
315	40.53	41.90	41.44
330	41.23	42.65	41.67
345	41.76	43.16	42.07
360	42.37	43.64	42.50
375	42.90	44.18	43.03
390	43.44	44.40	43.50
405	43.75	44.73	43.92
420	44.10	44.86	44.30
435	44.56	45.37	44.87
450	45.01	45.60	45.27
465	45.42	45.78	45.48
480	45.64	46.06	45.79

Table B.5.2.2.5. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.31	25.28	25.28
10	27.34	27.30	27.46
20	28.32	28.57	28.52
30	28.98	28.96	29.21
40	29.55	29.44	30.12
50	29.84	30.43	30.50
60	30.21	30.79	31.14
70	30.64	31.11	31.58
80	30.99	31.46	31.98
90	31.44	31.77	32.14
100	32.31	32.09	32.54
110	32.78	32.49	32.86
120	33.25	32.94	33.40
130	33.39	33.64	33.71
140	33.69	34.05	34.00
150	34.05	34.38	34.61
160	34.55	34.63	34.84
170	34.87	34.92	35.32
180	35.21	35.08	35.98
190	35.50	35.46	36.23
200	35.98	36.00	36.54
210	36.54	36.49	37.03
220	36.99	37.21	37.43
230	37.50	37.60	37.85
240	37.86	38.14	38.42
255	38.42	38.57	38.91
270	38.73	39.60	39.60
285	39.21	40.05	40.12
300	39.63	40.69	40.48
315	40.50	40.04	40.98
330	41.11	41.26	41.70

345	41.62	42.00	42.41
360	41.98	42.53	43.09
375	42.50	42.87	43.60
390	42.95	43.50	44.26
405	43.47	44.10	44.62
420	44.40	44.82	45.10
435	44.82	45.10	45.61
450	45.15	45.59	45.95
465	45.33	45.86	46.21
480	45.69	46.24	46.55

Table B.5.2.2.6. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.28	25.25	25.26
10	27.10	26.88	26.53
20	28.00	27.62	27.60
30	28.49	28.39	28.61
40	28.84	28.98	29.22
50	29.62	29.48	29.45
60	29.85	30.00	30.08
70	30.51	30.21	30.50
80	30.75	30.59	30.71
90	31.14	31.51	31.50
100	31.49	31.91	31.94
110	32.00	32.11	32.49
120	32.33	32.25	32.67
130	32.93	32.73	32.99

140	33.27	33.11	33.37
150	33.72	33.15	33.59
160	34.04	33.51	34.24
170	34.18	33.78	34.43
180	34.22	34.18	34.63
190	34.41	34.31	34.91
200	34.64	34.56	35.19
210	34.95	34.95	35.45
220	35.14	35.44	35.66
230	35.48	35.65	35.56
240	35.80	35.87	36.01
255	36.17	36.55	36.43
270	36.35	37.06	36.47
285	36.43	37.52	36.95
300	36.92	37.70	37.26
315	37.35	37.82	38.06
330	37.65	38.21	38.47
345	37.98	38.56	38.87
360	38.83	38.94	39.31
375	39.15	39.54	40.06
390	40.08	40.57	40.34
405	40.52	40.35	40.57
420	40.99	40.66	40.94
435	41.22	40.89	41.39
450	41.34	41.18	41.87
465	41.76	41.65	41.99
480	42.16	41.95	42.33

Table B.5.2.2.7. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.23	25.26
10	27.48	26.99	27.18
20	28.39	28.41	28.36
30	28.89	28.94	29.08
40	29.24	29.75	29.35
50	30.03	30.00	29.75
60	30.26	30.36	30.43
70	30.93	31.01	31.09
80	31.18	31.40	31.31
90	31.57	31.88	32.02
100	31.93	32.26	32.53
110	32.44	33.19	32.90
120	32.78	33.28	33.03
130	33.21	33.37	33.28
140	33.32	33.46	33.41
150	33.78	33.70	33.53
160	33.86	33.91	33.69
170	33.99	34.36	34.29
180	34.03	34.64	34.61
190	34.21	34.91	34.89
200	34.45	35.13	35.05
210	34.86	35.49	35.56
220	34.94	35.61	35.67
230	35.29	35.80	35.89
240	35.61	35.97	36.16
255	35.87	36.27	36.83
270	36.05	36.55	37.20
285	36.56	36.99	37.45
300	36.98	37.55	38.08
315	37.65	37.88	38.51
330	38.43	38.65	38.85

345	38.77	39.20	39.52
360	38.90	39.78	39.66
375	39.22	40.62	39.94
390	40.42	40.61	40.60
405	40.62	40.81	40.71
420	40.96	41.27	40.89
435	41.32	41.51	41.21
450	41.44	41.68	41.73
465	41.59	41.98	42.05
480	41.98	42.11	42.21

Table B.5.2.2.8. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.23	25.25
10	26.55	27.25	26.90
20	28.01	28.00	27.98
30	28.94	28.78	29.01
40	29.35	29.38	29.63
50	30.08	29.89	29.86
60	30.26	30.42	30.50
70	30.59	30.63	30.92
80	31.14	31.01	31.13
90	31.43	31.68	31.67
100	31.93	32.35	32.38
110	32.18	32.55	32.94
120	32.72	32.69	33.12
130	33.14	33.01	33.27

140	33.25	33.16	33.42
150	33.55	33.37	33.82
160	33.61	33.50	34.22
170	34.12	33.78	34.40
180	34.37	34.16	34.61
190	34.61	34.29	34.89
200	34.81	34.54	35.18
210	35.25	34.79	35.30
220	35.59	35.16	35.40
230	35.80	35.39	35.30
240	36.22	35.61	35.75
255	36.46	36.36	36.24
270	36.58	36.86	36.28
285	36.67	37.31	36.75
300	36.91	37.65	37.46
315	37.39	37.99	37.86
330	38.04	38.19	38.45
345	38.42	38.72	39.02
360	38.84	39.46	39.73
375	39.65	39.72	40.04
390	39.76	40.23	40.65
405	40.21	40.45	41.18
420	40.53	40.72	41.37
435	40.99	40.99	41.52
450	41.32	41.28	41.82
465	41.55	41.52	41.99
480	41.89	41.82	42.65

Table B.5.2.2.9. Consecutive hydration lengths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.21	25.24	25.21
10	27.05	26.84	27.51
20	27.51	27.67	27.59
30	27.86	28.34	28.17
40	28.50	28.52	28.81
50	29.01	29.09	29.15
60	29.12	29.20	29.42
70	29.33	29.62	29.71
80	29.70	29.96	29.94
90	29.93	30.50	30.11
100	30.19	30.69	30.43
110	30.46	30.91	30.76
120	30.81	31.10	31.27
130	31.11	31.57	31.39
140	31.23	31.91	31.50
150	31.44	32.10	31.74
160	31.69	32.28	32.09
170	31.90	32.38	32.34
180	32.17	32.63	32.58
190	32.27	32.71	32.74
200	32.36	32.88	32.99
210	32.55	33.21	33.26
220	32.89	33.42	33.50
230	33.12	33.55	33.60
240	33.32	33.80	33.69
255	33.47	34.02	34.07
270	33.58	34.32	34.15
285	33.82	34.60	34.49
300	34.10	34.75	34.57
315	34.23	34.89	34.67
330	34.60	35.10	34.90

345	34.72	35.29	35.00
360	34.79	35.33	35.11
375	34.97	35.45	35.24
390	35.12	35.55	35.44
405	35.28	35.81	35.72
420	35.33	35.99	35.80
435	35.44	36.24	35.99
450	35.66	36.41	36.09
465	35.73	36.68	36.27
480	35.90	36.72	36.38

Table B.5.2.2.10. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.23	25.24	25.24
10	27.06	27.46	27.10
20	28.26	28.10	27.94
30	28.35	28.42	28.20
40	28.69	29.01	28.59
50	29.35	29.20	29.01
60	29.52	29.47	29.39
70	29.88	29.65	29.98
80	30.11	30.08	30.52
90	30.33	30.60	30.81
100	30.59	30.83	30.98
110	31.01	31.11	31.10
120	31.17	31.36	31.23
130	31.43	31.62	31.55

140	32.08	31.79	31.61
150	32.11	31.98	31.72
160	32.39	32.20	31.98
170	32.47	32.42	32.22
180	32.61	32.61	32.41
190	32.66	32.87	32.49
200	33.21	33.06	32.67
210	33.33	33.14	32.74
220	33.59	33.36	33.01
230	33.84	33.21	33.21
240	33.95	33.81	33.48
255	34.17	33.86	33.54
270	34.47	34.03	33.91
285	34.58	34.29	33.99
300	34.81	34.58	34.38
315	35.07	34.75	34.49
330	35.30	35.01	34.72
345	35.51	35.30	34.89
360	35.76	35.34	35.18
375	35.91	35.48	35.22
390	36.01	35.55	35.36
405	36.09	35.70	35.51
420	36.21	35.98	35.59
435	36.42	36.27	35.91
450	36.51	36.42	36.12
465	36.60	36.71	36.27
480	36.75	36.81	36.43

Table B.5.2.2.11. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.23	25.26	25.25
10	27.35	27.44	27.40
20	27.76	27.76	27.70
30	28.09	28.38	28.59
40	28.66	28.68	29.10
50	29.15	29.50	29.39
60	29.51	29.52	29.59
70	29.79	29.96	30.17
80	30.19	30.55	30.43
90	30.66	30.84	30.68
100	30.85	30.95	31.25
110	30.96	31.20	31.39
120	31.10	31.34	31.52
130	31.24	31.42	31.68
140	31.39	31.60	31.96
150	31.52	31.78	32.08
160	31.77	32.02	32.25
170	32.07	32.33	32.15
180	32.26	32.47	32.46
190	32.55	32.61	32.61
200	32.85	32.85	32.77
210	32.91	32.97	33.01
220	33.06	33.31	33.22
230	33.21	33.46	33.31
240	33.39	33.65	33.45
255	33.64	33.78	33.78
270	34.26	34.09	34.34
285	34.55	34.22	34.45
300	34.76	34.57	34.70
315	34.85	34.72	34.89
330	34.99	34.96	35.10

345	35.11	35.04	35.34
360	35.32	35.18	35.44
375	35.51	35.31	35.62
390	35.68	35.52	35.72
405	35.77	35.68	35.92
420	35.86	35.82	36.10
435	36.04	36.01	36.18
450	36.16	36.14	36.26
465	36.41	36.27	36.42
480	36.52	36.48	36.71

Table B.5.2.2.12. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.18	25.18	25.21
10	27.07	26.98	26.91
20	27.57	27.33	27.76
30	27.89	27.90	28.06
40	28.16	28.10	28.36
50	28.32	28.63	28.56
60	28.87	28.70	28.91
70	29.31	29.10	29.08
80	29.49	29.26	29.35
90	29.77	29.64	29.56
100	30.15	29.86	29.89
110	30.21	29.93	30.05
120	30.38	30.03	30.36
130	30.44	30.27	30.44

140	30.64	30.40	30.59
150	30.71	30.64	30.75
160	30.86	30.85	30.91
170	30.99	30.99	30.99
180	31.40	31.37	31.09
190	31.51	31.59	31.25
200	31.60	31.90	31.40
210	31.74	31.95	31.64
220	31.81	32.06	31.93
230	32.07	32.10	32.01
240	32.18	32.18	32.13
255	32.66	32.34	32.32
270	32.73	32.51	32.43
285	32.97	32.66	32.57
300	33.00	32.79	32.73
315	33.27	32.91	32.84
330	33.37	33.04	33.03
345	33.56	33.28	33.14
360	33.87	33.56	33.26
375	33.94	33.82	33.33
390	34.09	34.12	33.54
405	34.25	34.23	33.66
420	34.47	34.33	33.84
435	34.62	34.37	33.97
450	34.81	34.62	34.21
465	35.04	34.69	34.44
480	35.24	34.82	34.53

Table B.5.2.2.13. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.23	25.19	25.22
10	27.13	27.03	26.94
20	27.52	27.80	27.24
30	27.68	28.05	27.81
40	28.06	28.17	27.99
50	28.40	28.71	28.34
60	28.73	29.06	28.79
70	29.03	29.56	29.11
80	29.30	29.72	29.26
90	29.62	30.01	29.66
100	29.79	30.30	29.79
110	29.91	30.56	29.90
120	30.12	30.12	30.31
130	30.31	30.46	30.36
140	30.41	30.73	30.48
150	30.59	30.90	30.55
160	30.86	30.97	30.85
170	30.99	31.24	30.92
180	31.09	31.44	30.97
190	31.24	31.52	31.14
200	31.33	31.64	31.32
210	31.48	31.77	31.53
220	31.69	32.06	31.80
230	31.74	32.17	31.89
240	31.85	32.23	31.94
255	32.04	32.54	32.08
270	32.31	32.71	32.18
285	32.54	32.88	32.27
300	32.76	33.05	32.49
315	32.88	33.35	32.68
330	33.06	33.56	32.95

345	33.33	33.64	33.14
360	33.42	33.76	33.22
375	33.62	34.05	33.42
390	33.71	34.13	33.59
405	33.84	34.21	33.66
420	33.97	34.67	33.81
435	34.30	34.85	33.89
450	34.45	35.01	34.21
465	34.56	35.26	34.37
480	34.85	35.55	34.62

Table B.5.2.2.14. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.27	25.24
10	27.21	26.90	27.31
20	27.68	27.67	27.70
30	28.08	27.75	28.17
40	28.39	28.18	28.33
50	28.81	28.35	28.63
60	28.93	28.69	29.00
70	29.48	28.97	29.25
80	29.61	29.20	29.56
90	29.79	29.58	29.74
100	29.96	29.79	29.94
110	30.25	29.94	30.09
120	30.33	30.21	30.41
130	30.54	30.31	30.49

140	30.77	30.35	30.62
150	30.84	30.49	30.82
160	30.97	30.75	30.91
170	31.20	30.88	31.27
180	31.41	30.96	31.50
190	31.56	31.21	31.64
200	31.64	31.34	31.69
210	31.72	31.55	31.84
220	31.88	31.74	31.98
230	31.97	31.88	32.17
240	32.20	31.96	32.31
255	32.38	32.07	32.47
270	32.53	32.39	32.82
285	32.79	32.55	32.94
300	33.08	32.83	33.00
315	33.14	32.94	33.15
330	33.42	33.18	33.50
345	33.31	33.27	33.51
360	33.62	33.33	33.80
375	33.69	33.53	33.88
390	34.18	33.80	33.96
405	34.17	33.76	34.24
420	34.39	33.89	34.42
435	34.54	34.22	34.57
450	34.73	34.37	34.82
465	34.95	34.59	35.11
480	35.29	34.92	35.38

Table B.5.2.2.15. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.24	25.26	25.23
10	26.51	26.84	26.84
20	27.23	27.60	27.41
30	28.10	27.79	27.83
40	27.89	28.40	28.15
50	28.60	28.69	28.67
60	29.10	28.83	28.96
70	29.21	28.96	29.15
80	29.47	29.25	29.25
90	29.78	29.59	29.51
100	30.07	29.90	29.72
110	30.32	30.03	29.93
120	30.49	30.26	30.11
130	30.52	30.34	30.42
140	30.69	30.58	30.57
150	30.72	30.71	30.66
160	30.98	30.80	30.82
170	31.20	30.97	30.87
180	31.30	31.21	30.99
190	31.42	31.33	31.11
200	31.58	31.43	31.45
210	31.68	31.55	31.52
220	31.82	31.72	31.68
230	32.01	31.92	31.99
240	32.15	32.08	32.28
255	32.27	32.24	32.38
270	32.58	32.49	32.49
285	32.67	32.64	32.66
300	32.91	32.71	32.87
315	32.94	32.94	32.91
330	33.05	33.29	33.07

345	33.21	33.44	33.24
360	33.33	33.65	33.52
375	33.54	33.81	33.84
390	33.71	33.92	33.99
405	34.02	34.01	34.27
420	34.26	34.09	34.39
435	34.37	34.27	34.59
450	34.40	34.36	34.70
465	34.56	34.48	34.86
480	34.73	34.68	35.12

Table B.5.2.2.16. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.25	25.23	25.26
10	27.09	26.75	27.00
20	27.67	27.58	27.51
30	28.08	27.91	27.89
40	28.51	28.27	28.40
50	28.73	28.63	28.79
60	28.93	29.05	29.33
70	29.23	29.11	29.39
80	29.38	29.31	29.56
90	29.71	29.65	29.77
100	29.84	30.05	30.25
110	29.95	30.61	30.36
120	30.24	30.23	30.51
130	30.47	30.33	30.60

140	30.70	30.45	30.67
150	30.88	30.57	30.82
160	31.05	30.76	30.93
170	31.28	30.81	31.02
180	31.56	30.95	31.23
190	31.62	31.08	31.34
200	31.73	31.32	31.54
210	32.01	31.45	31.68
220	32.15	31.69	31.79
230	32.24	31.97	31.96
240	32.37	32.14	32.05
255	32.56	32.22	32.11
270	32.80	32.39	32.23
285	32.94	32.47	32.61
300	33.11	32.83	32.95
315	33.21	32.97	33.11
330	33.26	33.30	33.26
345	33.33	33.47	33.32
360	33.59	33.56	33.56
375	33.68	33.81	33.69
390	33.90	34.10	34.02
405	34.08	34.15	34.27
420	34.24	34.35	34.47
435	34.52	34.50	34.61
450	34.55	34.67	34.76
465	34.72	34.77	34.83
480	34.82	34.81	34.99

Table B.5.2.2.17. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.28	25.25	25.27
10	27.43	27.25	27.15
20	27.81	27.83	27.65
30	28.18	28.15	27.91
40	28.50	28.38	28.51
50	28.69	28.72	29.01
60	28.76	29.16	29.25
70	29.08	29.58	29.33
80	29.50	29.81	29.62
90	29.73	29.90	29.75
100	29.92	30.33	30.06
110	30.33	30.38	30.43
120	30.51	30.62	30.50
130	30.64	30.71	30.59
140	30.81	30.83	30.65
150	30.99	30.92	30.78
160	31.17	31.03	30.94
170	31.34	31.11	31.17
180	31.43	31.22	31.30
190	31.61	31.42	31.47
200	31.84	31.57	31.62
210	31.92	31.75	31.71
220	32.06	31.98	31.86
230	32.22	32.08	31.92
240	32.54	32.37	32.09
255	32.89	32.51	32.48
270	33.09	32.75	32.62
285	33.21	32.81	32.77
300	33.33	33.06	32.91
315	33.39	33.18	33.04
330	33.52	33.38	33.17

345	33.63	33.56	33.26
360	33.88	33.77	33.44
375	34.17	33.93	33.68
390	34.22	34.04	33.81
405	34.42	34.13	34.14
420	34.58	34.21	34.39
435	34.75	34.39	34.59
450	34.85	34.48	34.73
465	34.89	34.60	34.88
480	35.02	34.80	34.95

Table B.5.2.2.18. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.18	25.21	25.17
10	26.37	26.20	26.45
20	26.40	26.61	26.54
30	26.85	26.76	26.55
40	27.10	27.01	26.96
50	27.40	27.28	27.32
60	27.54	27.36	27.54
70	27.61	27.39	27.69
80	27.64	27.54	27.71
90	27.74	27.61	27.86
100	27.75	27.71	28.01
110	27.81	27.82	28.03
120	27.94	27.94	28.11
130	27.91	28.00	28.23

140	28.05	28.11	28.26
150	28.14	28.19	28.34
160	28.20	28.21	28.39
170	28.31	28.26	28.45
180	28.40	28.33	28.51
190	28.43	28.42	28.64
200	28.50	28.44	28.69
210	28.56	28.62	28.71
220	28.61	28.67	28.80
230	28.72	28.74	28.92
240	28.76	28.83	29.01
255	28.94	29.04	29.14
270	29.02	29.15	29.20
285	29.14	29.40	29.25
300	29.34	29.61	29.34
315	29.42	29.80	29.51
330	29.61	29.94	29.69
345	29.85	30.05	29.82
360	30.01	30.29	30.11
375	30.32	30.48	30.28
390	30.49	30.61	30.42
405	30.68	30.74	30.60
420	30.87	30.89	30.73
435	31.23	31.01	30.82
450	31.53	31.34	30.99
465	31.72	31.55	31.25
480	31.97	31.73	31.40

Table B.5.2.2.19. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.22	25.19	25.20
10	26.37	26.31	26.39
20	26.69	26.54	26.53
30	26.79	26.83	26.70
40	26.90	27.03	27.03
50	27.04	27.23	27.11
60	27.20	27.40	27.32
70	27.44	27.51	27.44
80	27.56	27.62	27.58
90	27.69	27.71	27.59
100	27.74	27.82	27.78
110	27.80	27.89	27.83
120	27.89	27.96	27.94
130	27.96	28.04	28.01
140	28.01	28.14	28.05
150	28.06	28.20	28.12
160	28.21	28.23	28.17
170	28.30	28.32	28.20
180	28.35	28.44	28.28
190	28.42	28.50	28.36
200	28.50	28.52	28.52
210	28.63	28.56	28.60
220	28.69	28.69	28.64
230	28.70	28.72	28.71
240	28.81	29.01	28.81
255	28.91	29.11	28.88
270	29.01	29.21	29.04
285	29.15	29.31	29.16
300	29.27	29.42	29.29
315	29.39	29.51	29.36
330	29.50	29.60	29.51

345	29.79	29.73	29.70
360	29.97	29.92	29.87
375	30.21	30.12	30.04
390	30.49	30.39	30.26
405	30.64	30.48	30.41
420	30.84	30.62	30.66
435	31.08	30.89	30.81
450	31.45	31.16	31.12
465	31.69	31.39	31.42
480	31.80	31.52	31.62

Table B.5.2.2.20. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.22	25.23	25.22
10	26.41	26.29	26.41
20	26.74	26.58	26.44
30	26.84	26.59	26.89
40	26.95	27.00	27.14
50	27.09	27.36	27.44
60	27.25	27.58	27.58
70	27.49	27.73	27.65
80	27.61	27.75	27.68
90	27.74	27.90	27.78
100	27.79	28.05	27.79
110	27.85	28.07	27.85
120	27.94	28.15	27.98
130	28.01	28.27	27.95

140	28.06	28.30	28.09
150	28.11	28.38	28.18
160	28.26	28.43	28.24
170	28.35	28.49	28.35
180	28.40	28.55	28.44
190	28.47	28.68	28.47
200	28.55	28.73	28.54
210	28.68	28.75	28.60
220	28.74	28.84	28.65
230	28.75	28.96	28.76
240	28.86	29.05	28.80
255	28.96	29.18	28.98
270	29.06	29.24	29.06
285	29.20	29.29	29.18
300	29.32	29.38	29.38
315	29.44	29.55	29.46
330	29.55	29.73	29.65
345	29.84	29.86	29.89
360	30.02	30.16	30.06
375	30.26	30.33	30.37
390	30.54	30.47	30.54
405	30.69	30.65	30.73
420	30.89	30.78	30.92
435	31.13	30.87	31.28
450	31.50	31.04	31.58
465	31.74	31.30	31.77
480	31.85	31.45	32.02

Table B.5.2.2.21. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.23	25.20	25.21
10	26.34	26.37	26.27
20	26.51	26.52	26.53
30	26.84	26.67	26.68
40	27.16	27.12	26.85
50	27.24	27.16	26.99
60	27.32	27.30	27.10
70	27.38	27.33	27.17
80	27.47	27.40	27.20
90	27.58	27.49	27.29
100	27.65	27.51	27.38
110	27.69	27.52	27.54
120	27.80	27.60	27.61
130	27.87	27.77	27.69
140	27.94	27.81	27.73
150	27.96	27.92	27.82
160	27.99	27.97	27.90
170	28.04	28.07	27.90
180	28.18	28.11	28.01
190	28.22	28.10	28.17
200	28.19	28.14	28.26
210	28.30	28.23	28.31
220	28.33	28.27	28.33
230	28.40	28.32	28.44
240	28.48	28.40	28.56
255	28.66	28.46	28.63
270	28.69	28.48	28.68
285	28.89	28.52	28.76
300	28.94	28.56	28.84
315	28.98	28.66	28.93
330	29.03	28.80	29.00

345	29.11	28.89	29.13
360	29.22	29.01	29.20
375	29.32	29.08	29.28
390	29.47	29.14	29.42
405	29.56	29.23	29.52
420	29.64	29.39	29.61
435	29.77	29.51	29.83
450	29.85	29.55	29.97
465	29.91	29.71	30.09
480	30.12	29.98	30.26

Table B.5.2.2.22. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.22	25.20	25.21
10	26.40	26.40	26.30
20	26.67	26.58	26.46
30	26.81	26.79	26.59
40	27.05	27.05	27.29
50	27.11	27.05	27.42
60	27.22	27.22	27.48
70	27.30	27.21	27.51
80	27.37	27.31	27.60
90	27.46	27.38	27.53
100	27.54	27.39	27.60
110	27.66	27.47	27.66
120	27.73	27.55	27.66
130	27.79	27.69	27.73

140	27.82	27.70	27.84
150	27.92	27.84	27.86
160	27.94	27.90	27.94
170	27.99	27.93	28.03
180	28.07	28.07	28.08
190	28.12	28.10	28.12
200	28.16	28.17	28.28
210	28.19	28.22	28.45
220	28.26	28.32	28.47
230	28.38	28.46	28.55
240	28.44	28.46	28.57
255	28.67	28.55	28.68
270	28.73	28.62	28.80
285	28.94	28.67	28.94
300	28.92	28.71	29.13
315	29.00	28.78	29.18
330	29.10	28.92	29.35
345	29.21	28.97	29.52
360	29.33	29.07	29.58
375	29.47	29.11	29.69
390	29.61	29.23	29.80
405	29.70	29.35	29.90
420	29.76	29.42	29.95
435	29.85	29.63	30.05
450	29.98	29.66	30.16
465	30.03	29.82	30.23
480	30.15	29.96	30.37

Table B.5.2.2.23. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.23	25.20	25.24
10	26.53	26.34	26.39
20	26.82	26.52	26.56
30	26.94	26.72	26.66
40	27.00	27.01	27.17
50	27.07	27.07	27.18
60	27.11	27.13	27.28
70	27.20	27.20	27.31
80	27.29	27.31	27.45
90	27.41	27.46	27.51
100	27.43	27.56	27.55
110	27.50	27.60	27.53
120	27.62	27.64	27.61
130	27.68	27.69	27.79
140	27.82	27.80	27.79
150	27.84	27.91	27.95
160	27.87	27.94	27.99
170	27.96	28.00	28.07
180	28.04	28.06	28.15
190	28.11	28.18	28.12
200	28.23	28.18	28.17
210	28.33	28.26	28.29
220	28.40	28.29	28.46
230	28.46	28.35	28.48
240	28.52	28.43	28.56
255	28.69	28.57	28.57
270	28.79	28.69	28.63
285	28.96	28.84	28.75
300	28.98	28.88	28.90
315	29.09	29.00	29.09
330	29.18	29.10	29.14

345	29.16	29.14	29.30
360	29.38	29.30	29.47
375	29.48	29.39	29.53
390	29.56	29.53	29.64
405	29.67	29.60	29.75
420	29.79	29.69	29.85
435	29.91	29.74	29.90
450	30.00	29.80	30.00
465	30.12	29.85	30.11
480	30.19	29.93	30.18

Table B.5.2.2.24. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 20%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.19	25.20	25.22
10	26.23	26.62	26.47
20	26.51	26.78	26.59
30	26.64	26.86	26.76
40	26.77	26.97	26.88
50	26.90	27.06	26.99
60	27.02	27.11	27.05
70	27.11	27.16	27.13
80	27.20	27.27	27.26
90	27.28	27.30	27.33
100	27.36	27.38	27.32
110	27.41	27.42	27.38
120	27.46	27.51	27.42
130	27.59	27.58	27.50

140	27.61	27.56	27.51
150	27.63	27.64	27.70
160	27.66	27.68	27.73
170	27.71	27.77	27.79
180	27.80	27.88	27.88
190	27.88	27.89	27.96
200	27.93	27.94	28.01
210	28.00	28.01	28.08
220	28.13	28.11	28.20
230	28.21	28.17	28.28
240	28.20	28.19	28.27
255	28.23	28.28	28.30
270	28.27	28.39	28.35
285	28.39	28.51	28.47
300	28.52	28.63	28.60
315	28.64	28.77	28.72
330	28.81	28.89	28.89
345	28.93	28.98	29.01
360	29.01	29.07	29.09
375	29.14	29.16	29.22
390	29.23	29.31	29.31
405	29.38	29.41	29.46
420	29.43	29.53	29.51
435	29.56	29.63	29.65
450	29.66	29.83	29.75
465	29.74	29.99	29.83
480	29.86	30.09	29.94

Table B.5.2.2.25. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 15%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.24	25.21	25.23
10	26.29	26.30	26.28
20	26.47	26.57	26.59
30	26.61	26.60	26.72
40	26.79	26.81	26.78
50	26.84	26.90	26.99
60	26.90	26.98	27.09
70	26.95	27.10	27.16
80	27.01	27.16	27.17
90	27.17	27.18	27.20
100	27.30	27.24	27.24
110	27.32	27.35	27.32
120	27.45	27.38	27.35
130	27.49	27.49	27.35
140	27.56	27.55	27.39
150	27.64	27.59	27.43
160	27.66	27.66	27.54
170	27.67	27.74	27.60
180	27.75	27.76	27.61
190	27.79	27.78	27.58
200	27.75	27.86	27.68
210	27.90	27.90	27.67
220	27.93	27.86	27.78
230	28.03	28.01	27.81
240	28.08	28.04	27.89
255	28.24	28.14	28.05
270	28.36	28.19	28.22
285	28.47	28.35	28.37
300	28.64	28.48	28.41
315	28.65	28.59	28.56
330	28.79	28.75	28.66

345	28.93	28.76	28.78
360	29.08	28.90	28.97
375	29.23	29.05	29.18
390	29.31	29.20	29.24
405	29.46	29.42	29.37
420	29.58	29.55	29.45
435	29.77	29.65	29.52
450	29.91	29.83	29.63
465	30.02	29.96	29.75
480	30.21	30.13	29.88

Table B.5.2.2.26. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 17.5%.

length after swelling (mm)			
	1	2	3
time(min)			
0	25.26	25.24	25.25
10	26.66	26.99	26.48
20	26.81	26.87	26.84
30	26.84	26.91	26.91
40	26.97	27.00	26.89
50	26.96	27.00	26.98
60	27.04	27.04	27.00
70	27.06	27.07	26.96
80	27.17	27.13	27.01
90	27.20	27.17	27.09
100	27.29	27.26	27.22
110	27.41	27.32	27.25
120	27.45	27.34	27.33
130	27.56	27.49	27.39

140	27.53	27.50	27.40
150	27.64	27.60	27.50
160	27.69	27.70	27.55
170	27.78	27.74	27.65
180	27.79	27.88	27.71
190	27.83	27.89	27.75
200	27.88	27.94	27.82
210	27.97	27.98	27.92
220	28.05	28.06	27.96
230	28.08	28.17	28.03
240	28.23	28.19	28.12
255	28.30	28.33	28.19
270	28.45	28.41	28.27
285	28.60	28.60	28.37
300	28.73	28.70	28.46
315	28.82	28.88	28.67
330	28.92	28.97	28.78
345	29.00	29.03	28.86
360	29.24	29.21	29.09
375	29.30	29.29	29.14
390	29.47	29.44	29.29
405	29.65	29.59	29.41
420	29.67	29.65	29.59
435	29.78	29.75	29.75
450	29.82	29.82	29.83
465	29.90	29.96	29.91
480	29.96	30.02	30.10

Table B.5.2.2.27. Consecutive hydration lengths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 20%.

B.5.2.3. Tablet mean width.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.12	10.12
10	12.11	11.93	11.82
20	12.57	12.63	12.66
30	13.23	13.25	13.14
40	13.60	13.67	13.65
50	14.11	14.11	14.09
60	14.52	14.63	14.52
70	14.88	15.01	14.89
80	15.22	15.41	15.15
90	15.59	15.74	15.57
100	16.13	16.12	15.95
110	16.44	16.47	16.31
120	16.78	16.83	16.71
130	17.02	17.08	16.99
140	17.25	17.55	17.24
150	17.61	17.90	17.61
160	17.92	18.16	17.90
170	18.35	18.43	18.35
180	18.54	18.83	18.77
190	18.82	19.12	19.04
200	19.22	19.40	19.30
210	19.52	19.66	19.66
220	19.83	20.06	19.97
230	20.06	20.24	20.20
240	20.41	20.53	20.51
255	20.83	20.91	20.77
270	21.29	21.47	21.19
285	21.61	21.80	21.54
300	21.91	22.14	21.83

315	22.25	22.50	22.05
330	22.61	22.75	22.54
345	22.89	22.96	22.81
360	23.15	23.28	23.05
375	23.38	23.53	23.34
390	23.63	23.80	23.60
405	24.57	24.11	23.90
420	24.78	24.60	24.11
435	25.07	24.79	24.41
450	25.34	25.09	24.71
465	25.34	25.31	24.82
480	25.42	25.52	25.16

Table B.5.2.3.1. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.11	10.11
10	11.81	11.98	12.01
20	12.75	12.78	12.79
30	13.18	13.41	13.39
40	13.61	13.79	13.73
50	14.03	14.30	14.30
60	14.35	14.67	14.66
70	14.80	15.04	15.00
80	15.27	15.60	15.48
90	15.57	15.96	15.83
100	15.93	16.38	16.24
110	16.25	16.64	16.47

120	16.55	16.97	16.73
130	16.83	17.36	17.20
140	17.20	17.74	17.64
150	17.47	18.09	17.89
160	17.86	18.40	18.22
170	18.21	18.69	18.48
180	18.92	18.97	18.86
190	19.13	19.23	19.43
200	19.39	19.59	19.73
210	19.65	19.83	19.99
220	19.89	20.16	20.27
230	20.20	20.30	20.51
240	20.48	20.60	20.80
255	20.83	21.09	21.05
270	21.09	21.40	21.32
285	21.37	21.71	21.74
300	21.69	22.01	21.98
315	21.99	22.25	22.28
330	22.35	22.68	22.70
345	22.66	22.91	22.97
360	22.95	23.16	23.18
375	23.21	23.57	23.55
390	23.58	23.81	23.81
405	23.88	24.17	24.17
420	24.23	24.54	24.47
435	24.48	24.80	24.49
450	24.81	25.05	25.22
465	25.06	25.26	25.33
480	25.33	25.48	25.54

Table B.5.2.3.2. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.11	10.12
10	11.67	11.75	11.76
20	12.25	12.55	12.51
30	13.16	13.16	13.23
40	13.69	13.68	13.79
50	14.01	14.12	14.21
60	14.51	14.53	14.44
70	14.91	14.90	15.05
80	15.50	15.47	15.43
90	15.95	15.90	15.91
100	16.28	16.29	16.21
110	16.64	16.72	16.78
120	17.29	17.25	17.21
130	17.41	17.53	17.50
140	17.73	17.82	17.84
150	17.87	18.16	18.23
160	18.60	18.46	18.73
170	18.90	18.84	19.07
180	19.28	19.26	19.60
190	19.70	19.54	19.99
200	20.08	19.76	20.23
210	20.31	20.08	20.66
220	20.57	20.61	20.95
230	20.90	20.88	21.30
240	21.15	21.12	21.60
255	21.29	21.40	21.84
270	21.51	21.68	22.05
285	21.74	21.94	22.30
300	22.04	22.24	22.57
315	22.28	22.57	22.76
330	22.60	22.80	22.94

345	22.98	23.04	23.28
360	23.24	23.37	23.64
375	23.55	23.62	23.97
390	23.88	23.93	24.46
405	24.10	24.34	24.69
420	24.41	24.63	24.99
435	24.71	24.86	25.27
450	25.15	25.28	25.55
465	25.39	25.45	25.69
480	25.62	25.71	26.02

Table B.5.2.3.3. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 0 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.11	10.12
10	11.95	11.97	11.97
20	12.58	12.62	12.46
30	13.08	13.27	13.01
40	13.61	13.61	13.44
50	14.02	13.99	13.84
60	14.36	14.27	14.19
70	14.76	14.74	14.69
80	15.03	15.05	14.94
90	15.31	15.45	15.23
100	15.68	15.78	15.59
110	15.97	16.14	15.87
120	16.36	16.45	16.24

130	16.57	16.67	16.45
140	16.89	17.00	16.71
150	17.12	17.29	17.12
160	17.45	17.68	17.48
170	17.67	17.86	17.74
180	17.90	18.12	17.88
190	18.08	18.28	18.13
200	18.32	18.56	18.29
210	18.52	18.76	18.53
220	18.74	18.94	18.63
230	18.91	19.14	18.81
240	19.09	19.42	18.97
255	19.41	19.67	19.29
270	19.63	19.96	19.49
285	19.97	20.20	19.79
300	20.27	20.41	20.04
315	20.57	20.74	20.35
330	20.87	21.13	20.59
345	21.12	21.36	20.84
360	21.35	21.61	21.11
375	21.64	21.84	21.44
390	21.84	22.27	21.81
405	22.17	22.48	22.08
420	22.56	22.67	22.38
435	22.77	22.85	22.63
450	22.99	23.11	22.86
465	23.27	23.31	23.11
480	23.45	23.53	23.31

Table B.5.2.3.4. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.11	10.11
10	11.89	11.93	11.94
20	12.49	12.60	12.43
30	13.14	13.03	12.70
40	13.57	13.65	13.49
50	13.90	14.01	13.86
60	14.17	14.34	14.23
70	14.54	14.80	14.74
80	14.88	15.08	14.95
90	15.27	15.33	15.26
100	15.71	15.63	15.56
110	15.98	15.93	15.87
120	16.24	16.36	16.27
130	16.50	16.60	16.43
140	16.82	16.88	16.67
150	17.27	17.13	17.07
160	17.60	17.40	17.50
170	17.84	17.71	17.72
180	18.00	17.92	17.92
190	18.26	18.11	18.11
200	18.44	18.29	18.29
210	18.63	18.56	18.50
220	18.89	18.76	18.60
230	19.11	18.93	18.77
240	19.41	19.09	18.97
255	19.70	19.44	19.27
270	19.88	19.62	19.43
285	20.12	19.99	19.75
300	20.37	20.28	20.05
315	20.70	20.61	20.37
330	20.96	20.83	20.54

345	21.25	21.17	20.81
360	21.52	21.38	21.13
375	21.81	21.64	21.43
390	22.05	21.88	21.85
405	22.26	22.21	22.05
420	22.53	22.57	22.43
435	22.76	22.80	22.64
450	22.97	22.95	22.90
465	23.24	23.30	23.14
480	23.46	23.45	23.31

Table B.5.2.3.5. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.12	10.12
10	11.75	11.81	11.93
20	12.45	12.57	12.51
30	13.08	13.03	13.05
40	13.53	13.62	13.59
50	13.95	14.18	13.99
60	14.26	14.40	14.39
70	14.60	14.70	14.77
80	14.95	14.98	15.06
90	15.38	15.29	15.41
100	15.73	15.62	15.75
110	16.09	16.15	16.07
120	16.37	16.25	16.31

130	16.55	16.51	16.67
140	16.79	16.77	16.87
150	17.01	17.04	17.21
160	17.20	17.36	17.50
170	17.49	17.67	17.73
180	17.83	17.93	18.01
190	18.13	18.20	18.27
200	18.39	18.47	18.80
210	18.59	18.71	19.04
220	18.82	19.00	19.31
230	19.01	19.25	19.24
240	19.28	19.48	19.43
255	19.50	19.69	19.61
270	19.65	19.95	19.80
285	19.98	20.22	20.07
300	20.28	20.64	20.45
315	20.60	20.89	20.67
330	20.91	21.26	20.95
345	21.14	21.52	21.21
360	21.49	21.74	21.58
375	21.71	21.97	21.87
390	21.92	22.20	22.13
405	22.13	22.36	22.39
420	22.47	22.69	22.63
435	22.66	22.93	22.77
450	22.98	23.15	23.06
465	23.18	23.45	23.42
480	23.48	23.75	23.66

Table B.5.2.3.6. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 1 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.11	10.11
10	11.61	11.66	11.58
20	12.35	12.27	12.26
30	12.97	12.98	13.02
40	13.50	13.39	13.29
50	13.66	13.76	13.66
60	14.11	14.08	14.06
70	14.49	14.35	14.37
80	14.70	14.67	14.61
90	15.09	15.16	14.99
100	15.37	15.62	15.35
110	15.73	16.09	15.80
120	16.11	16.23	16.05
130	16.54	16.50	16.31
140	16.50	16.58	16.41
150	16.75	16.79	16.56
160	16.95	16.95	16.81
170	17.07	17.22	17.01
180	17.23	17.37	17.23
190	17.32	17.55	17.35
200	17.57	17.57	17.53
210	17.72	17.86	17.64
220	17.91	17.86	17.85
230	17.95	17.92	18.00
240	18.08	18.03	18.16
255	18.22	18.19	18.43
270	18.54	18.59	18.62
285	18.84	18.78	18.95
300	19.12	19.14	19.21
315	19.46	19.41	19.42

330	19.62	19.90	19.92
345	20.14	20.26	20.31
360	20.33	20.53	20.64
375	20.57	20.73	20.76
390	20.83	20.78	20.93
405	21.08	21.18	21.12
420	21.27	21.06	21.27
435	21.42	21.41	21.35
450	21.58	21.57	21.49
465	21.73	21.53	21.57
480	21.98	21.85	21.93

Table B.5.2.3.7. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.11	10.12
10	11.73	11.58	11.67
20	12.46	12.38	12.34
30	13.03	12.84	13.06
40	13.48	13.54	13.28
50	13.77	14.06	13.60
60	13.93	14.23	14.18
70	14.42	14.39	14.53
80	14.74	14.82	14.79
90	15.26	15.20	15.11
100	15.66	15.67	15.52
110	15.95	16.04	16.15
120	16.22	16.28	16.34
130	16.46	16.67	16.45

140	16.52	16.75	16.65
150	16.64	16.94	16.73
160	17.03	17.09	17.00
170	17.22	17.31	17.22
180	17.43	17.46	17.45
190	17.54	17.70	17.53
200	17.71	17.86	17.70
210	17.85	18.01	17.88
220	18.01	18.17	18.05
230	18.14	18.30	18.23
240	18.32	18.47	18.50
255	18.61	18.59	18.63
270	18.79	18.87	18.85
285	19.11	19.25	19.11
300	19.23	19.57	19.38
315	19.49	19.71	19.72
330	20.15	20.48	20.17
345	20.30	20.67	20.51
360	20.73	20.95	20.69
375	21.01	21.05	20.94
390	21.24	21.25	21.11
405	21.38	21.37	21.24
420	21.53	21.55	21.40
435	21.62	21.71	21.47
450	21.77	21.90	21.63
465	21.97	22.05	21.69
480	22.22	22.35	21.90

Table B.5.2.3.8. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.12	10.12
10	11.54	11.69	11.72
20	12.34	12.43	12.37
30	12.97	13.04	13.07
40	13.33	13.65	13.48
50	13.68	13.76	13.70
60	14.15	14.19	14.12
70	14.31	14.59	14.37
80	14.62	14.81	14.70
90	14.91	15.25	15.09
100	15.20	15.56	15.53
110	15.56	15.66	15.74
120	16.06	16.20	16.19
130	16.34	16.67	16.43
140	16.48	16.46	16.60
150	16.62	16.78	16.81
160	16.73	16.98	16.98
170	16.93	17.21	17.14
180	17.04	17.33	17.29
190	17.16	17.44	17.48
200	17.35	17.66	17.70
210	17.44	17.92	17.85
220	17.67	18.15	18.07
230	17.91	18.22	18.23
240	18.04	18.42	18.41
255	18.30	18.63	18.52
270	18.52	18.83	18.77
285	18.81	19.07	19.05
300	19.16	19.33	19.16
315	19.37	19.58	19.62
330	19.53	19.80	19.83

345	20.14	20.38	20.47
360	20.49	20.58	20.64
375	20.66	20.76	20.97
390	20.85	21.03	21.15
405	21.03	21.18	21.34
420	21.22	21.42	21.54
435	21.32	21.60	21.78
450	21.47	21.80	21.90
465	21.65	21.92	22.05
480	21.86	22.12	22.24

Table B.5.2.3.9. Consecutive hydration widths of elongated blank Xanthan Gum tablets, curvature height 2 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.09	10.09
10	11.98	11.75	11.95
20	12.22	11.99	12.08
30	12.50	12.49	12.51
40	12.67	12.64	12.69
50	13.00	12.86	12.94
60	13.18	13.05	13.13
70	13.34	13.32	13.36
80	13.60	13.55	13.57
90	13.80	13.77	13.86
100	14.03	13.92	14.07
110	14.19	14.20	14.21
120	14.34	14.35	14.36
130	14.44	14.53	14.50

140	14.56	14.74	14.74
150	14.63	14.90	14.90
160	14.79	15.06	15.10
170	14.99	15.19	15.20
180	15.19	15.37	15.37
190	15.24	15.47	15.45
200	15.33	15.55	15.56
210	15.45	15.60	15.62
220	15.56	15.67	15.76
230	15.67	15.79	15.87
240	15.86	15.92	15.99
255	16.04	16.14	16.08
270	16.19	16.24	16.27
285	16.29	16.39	16.42
300	16.41	16.47	16.54
315	16.49	16.53	16.65
330	16.60	16.73	16.80
345	16.74	16.86	16.93
360	16.86	16.99	17.04
375	17.03	17.21	17.18
390	17.15	17.28	17.33
405	17.27	17.46	17.48
420	17.37	17.56	17.57
435	17.56	17.78	17.69
450	17.69	17.90	17.81
465	17.83	18.10	17.89
480	17.98	18.20	18.05

Table B.5.2.3.10. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.94	12.05	11.86
20	12.17	12.25	12.18
30	12.53	12.58	12.55
40	12.72	12.80	12.77
50	12.94	12.94	12.92
60	13.18	13.16	13.12
70	13.38	13.40	13.37
80	13.63	13.51	13.58
90	13.81	13.87	13.70
100	14.03	14.01	13.87
110	14.09	14.22	14.09
120	14.26	14.38	14.28
130	14.47	14.63	14.37
140	14.74	14.83	14.48
150	14.85	15.05	14.61
160	15.04	15.30	14.80
170	15.23	15.39	14.93
180	15.44	15.56	15.04
190	15.56	15.62	15.19
200	15.67	15.71	15.33
210	15.72	15.79	15.45
220	15.80	15.93	15.60
230	15.89	16.06	15.72
240	16.02	16.16	15.80
255	16.14	16.30	15.87
270	16.27	16.40	16.07
285	16.39	16.62	16.18
300	16.58	16.74	16.44
315	16.63	16.81	16.60

330	16.77	16.88	16.77
345	16.97	17.03	16.86
360	17.07	17.13	17.16
375	17.18	17.26	17.22
390	17.38	17.43	17.35
405	17.56	17.56	17.45
420	17.71	17.77	17.61
435	17.85	17.95	17.74
450	17.91	18.37	17.87
465	18.04	18.13	18.03
480	18.20	18.22	18.17

Table B.5.2.3.11. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.10	10.10
10	12.05	11.99	12.10
20	12.32	12.35	12.39
30	12.57	12.60	12.60
40	12.79	12.79	12.80
50	13.06	13.04	13.16
60	13.27	13.28	13.22
70	13.38	13.40	13.51
80	13.66	13.59	13.65
90	13.72	13.69	13.74
100	13.92	14.04	13.97
110	14.24	14.16	14.10

120	14.28	14.31	14.31
130	14.44	14.45	14.46
140	14.64	14.64	14.58
150	14.74	14.71	14.74
160	14.82	14.80	14.85
170	14.97	14.98	14.94
180	15.06	15.14	15.13
190	15.22	15.25	15.17
200	15.32	15.45	15.25
210	15.43	15.53	15.41
220	15.52	15.68	15.60
230	15.57	15.72	15.76
240	15.74	15.83	15.90
255	15.87	16.05	16.07
270	16.10	16.32	16.25
285	16.35	16.42	16.41
300	16.52	16.59	16.55
315	16.63	16.68	16.74
330	16.80	16.79	16.85
345	16.87	16.96	16.94
360	17.06	17.17	17.13
375	17.50	17.29	17.26
390	17.28	17.46	17.44
405	17.39	17.59	17.52
420	17.55	17.74	17.67
435	17.70	17.86	17.82
450	17.83	17.96	17.93
465	18.00	18.12	18.05
480	18.13	18.28	18.16

Table B.5.2.3.12. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 0 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.09	10.09	10.10
10	12.07	11.94	11.99
20	12.35	12.24	12.25
30	12.65	12.52	12.60
40	12.77	12.75	12.84
50	13.06	12.86	13.06
60	13.26	13.17	13.22
70	13.45	13.33	13.34
80	13.58	13.53	13.58
90	13.76	13.64	13.65
100	13.88	13.77	13.80
110	14.01	13.92	13.91
120	14.07	14.03	14.17
130	14.22	14.21	14.24
140	14.34	14.34	14.30
150	14.38	14.44	14.06
160	14.48	14.53	14.48
170	14.51	14.66	14.55
180	14.61	14.81	14.59
190	14.84	14.88	14.62
200	15.00	14.94	14.80
210	15.10	15.09	15.03
220	15.21	15.24	15.24
230	15.29	15.32	15.32
240	15.35	15.43	15.44
255	15.60	15.54	15.61
270	15.81	15.68	15.79
285	15.97	15.89	15.90
300	16.13	16.13	16.03

315	16.22	16.24	16.24
330	16.36	16.35	16.39
345	16.46	16.47	16.49
360	16.60	16.60	16.59
375	16.73	16.72	16.69
390	16.85	16.92	16.86
405	17.04	17.06	17.01
420	17.18	17.17	17.18
435	17.34	17.21	17.26
450	17.44	17.35	17.38
465	17.53	17.50	17.44
480	17.62	17.46	17.51

Table B.5.2.3.13. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.98	12.00	11.96
20	12.20	12.31	12.27
30	12.45	12.55	12.51
40	12.79	12.76	12.80
50	12.98	12.98	13.34
60	13.26	13.14	13.21
70	13.38	13.40	13.32
80	13.62	13.56	13.44
90	13.73	13.74	13.69
100	13.88	13.84	13.80
110	13.98	14.02	13.92

120	14.04	14.10	14.12
130	14.18	14.29	14.21
140	14.37	14.37	14.27
150	14.49	14.43	14.32
160	14.55	14.53	14.36
170	14.72	14.61	14.54
180	14.82	14.71	14.69
190	14.93	14.85	14.81
200	15.01	14.98	14.97
210	15.18	15.14	15.04
220	15.33	15.39	15.16
230	15.40	15.45	15.26
240	15.48	15.51	15.33
255	15.55	15.67	15.45
270	15.67	15.80	15.57
285	15.81	15.91	15.75
300	15.98	16.00	15.87
315	16.10	16.10	16.02
330	16.27	16.26	16.17
345	16.48	16.50	16.35
360	16.65	16.68	16.57
375	16.81	16.80	16.68
390	16.97	16.87	16.81
405	17.04	16.94	16.99
420	17.15	17.06	17.15
435	17.33	17.24	17.21
450	17.47	17.36	17.34
465	17.59	17.46	17.46
480	17.70	17.56	17.57

Table B.5.2.3.14. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.11	10.11
10	12.07	12.09	12.08
20	12.34	12.48	12.37
30	12.47	12.58	12.64
40	12.71	12.79	12.77
50	12.99	12.94	12.95
60	13.20	12.72	13.18
70	13.40	13.33	13.38
80	13.62	13.53	13.62
90	13.72	13.69	13.76
100	13.86	13.84	13.84
110	14.06	14.04	14.02
120	14.16	14.15	14.13
130	14.26	14.22	14.29
140	14.37	14.28	14.45
150	14.49	14.42	14.51
160	14.61	14.55	14.57
170	14.67	14.68	14.69
180	14.77	14.74	14.80
190	14.86	14.85	14.92
200	15.01	14.99	15.13
210	15.12	15.12	15.30
220	15.19	15.27	15.42
230	15.25	15.34	15.50
240	15.35	15.38	15.54
255	15.62	15.56	15.63
270	15.77	15.68	15.76
285	15.90	15.80	15.94
300	16.06	15.94	16.11

315	16.17	16.00	16.19
330	16.24	16.07	16.36
345	16.43	16.41	16.42
360	16.59	16.59	16.61
375	16.74	16.75	16.78
390	16.90	16.90	16.89
405	17.04	16.98	17.07
420	17.19	17.14	17.17
435	17.28	17.26	17.29
450	17.40	17.42	17.39
465	17.49	17.47	17.52
480	17.58	17.65	17.66

Table B.5.2.3.15. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 1 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.11	10.11	10.11
10	11.75	11.83	11.79
20	12.33	12.18	12.19
30	12.62	12.63	12.58
40	12.79	12.78	12.75
50	12.95	12.88	12.89
60	13.17	13.09	13.11
70	13.39	13.24	13.23
80	13.49	13.36	13.35
90	13.67	13.52	13.53
100	13.86	13.70	13.65
110	14.01	13.90	13.92

120	14.10	14.05	14.07
130	14.18	14.16	14.16
140	14.26	14.27	14.27
150	14.37	14.32	14.33
160	14.48	14.42	14.44
170	14.58	14.50	14.56
180	14.66	14.63	14.68
190	14.78	14.69	14.81
200	14.90	14.78	14.95
210	14.98	14.84	15.02
220	15.06	14.92	15.09
230	15.13	15.01	15.22
240	15.26	15.15	15.31
255	15.39	15.24	15.40
270	15.56	15.33	15.45
285	15.67	15.48	15.59
300	15.84	15.65	15.69
315	16.00	15.78	15.85
330	16.09	15.93	16.05
345	16.21	15.99	16.19
360	16.30	16.11	16.31
375	16.41	16.29	16.44
390	16.56	16.48	16.54
405	16.74	16.61	16.72
420	16.84	16.74	16.83
435	16.94	16.82	16.96
450	17.07	16.96	17.10
465	17.19	17.16	17.21
480	17.34	17.25	17.36

Table B.5.2.3.16. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.12	10.12
10	11.94	11.79	11.98
20	12.19	12.18	12.22
30	12.45	12.51	12.50
40	12.77	12.74	12.81
50	12.91	12.95	12.91
60	13.11	13.15	13.19
70	13.22	13.24	13.31
80	13.40	13.44	13.41
90	13.54	13.54	13.58
100	13.67	13.75	13.76
110	13.94	13.94	13.94
120	14.01	14.02	14.14
130	14.10	14.13	14.21
140	14.27	14.23	14.34
150	14.36	14.34	14.41
160	14.48	14.45	14.50
170	14.59	14.54	14.60
180	14.68	14.62	14.75
190	14.76	14.72	14.89
200	14.91	14.87	14.98
210	14.98	14.92	15.01
220	15.06	15.02	15.09
230	15.14	15.19	15.18
240	15.28	15.26	15.34
255	15.34	15.32	15.44
270	15.45	15.38	15.58
285	15.58	15.47	15.68
300	15.74	15.69	15.77
315	15.82	15.83	15.89

330	15.89	15.94	16.01
345	16.04	16.03	16.10
360	16.18	16.14	16.35
375	16.01	16.32	16.42
390	16.54	16.42	16.52
405	16.63	16.50	16.66
420	16.73	16.62	16.82
435	16.91	16.69	16.94
450	17.01	16.90	17.09
465	17.16	17.00	17.20
480	17.33	17.17	17.32

Table B.5.2.3.17. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.12	10.12
10	12.00	12.03	11.97
20	12.32	12.36	12.19
30	12.51	12.50	12.40
40	12.84	12.70	12.68
50	12.99	12.88	12.91
60	13.09	13.18	13.12
70	13.36	13.30	13.20
80	13.48	13.47	13.32
90	13.56	13.67	13.54
100	13.67	13.84	13.69
110	13.96	13.98	13.86
120	14.07	14.13	13.98

130	14.20	14.26	14.11
140	14.33	14.37	14.27
150	14.39	14.42	14.30
160	14.45	14.52	14.41
170	14.51	14.59	14.52
180	14.58	14.64	14.61
190	14.66	14.69	14.68
200	14.81	14.78	14.81
210	14.94	14.85	14.94
220	15.07	14.99	15.13
230	15.16	15.11	15.19
240	15.24	15.22	15.31
255	15.39	15.44	15.45
270	15.55	15.58	15.57
285	15.68	15.66	15.69
300	15.80	15.76	15.76
315	15.86	15.85	15.85
330	15.96	16.04	15.94
345	15.97	16.22	16.09
360	16.16	16.37	16.18
375	16.33	16.46	16.32
390	16.50	16.53	16.47
405	16.59	16.72	16.54
420	16.87	16.80	16.67
435	17.04	16.99	16.76
450	17.11	17.12	16.83
465	17.52	17.25	16.93
480	17.49	17.36	17.16

Table B.5.2.3.18. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine Citrate, curvature height 2 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.09	10.09	10.09
10	11.64	11.60	11.51
20	11.74	11.61	11.55
30	11.75	11.62	11.64
40	11.75	11.72	11.70
50	11.81	11.84	11.79
60	11.98	11.91	11.85
70	12.03	12.13	11.97
80	12.19	12.23	12.07
90	12.26	12.22	12.23
100	12.31	12.29	12.39
110	12.43	12.57	12.49
120	12.61	12.64	12.65
130	12.80	12.74	12.73
140	12.96	12.89	12.79
150	13.02	12.97	12.89
160	13.09	13.04	13.03
170	13.18	13.11	13.12
180	13.24	13.15	13.23
190	13.30	13.24	13.32
200	13.35	13.31	13.45
210	13.42	13.37	13.52
220	13.50	13.44	13.56
230	13.53	13.50	13.64
240	13.58	13.58	13.72
255	13.69	13.64	13.78
270	13.88	13.76	13.89
285	13.97	13.91	14.01
300	14.15	14.07	14.13
315	14.25	14.19	14.27

330	14.35	14.32	14.52
345	14.50	14.46	14.72
360	14.68	14.72	14.95
375	14.83	15.03	15.08
390	15.01	15.21	15.23
405	15.15	15.28	15.35
420	15.40	15.44	15.48
435	15.60	15.56	15.64
450	15.71	15.73	15.83
465	15.91	15.90	16.02
480	16.14	16.10	16.21

Table B.5.2.3.19. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.09	10.09	10.09
10	11.48	11.50	11.48
20	11.56	11.49	11.48
30	11.58	11.62	11.55
40	11.62	11.75	11.60
50	11.81	11.89	11.71
60	11.93	11.95	11.87
70	12.12	12.11	12.03
80	12.22	12.16	12.11
90	12.31	12.30	12.19
100	12.38	12.40	12.31
110	12.60	12.48	12.44
120	12.72	12.61	12.54

130	12.82	12.71	12.61
140	12.87	12.89	12.73
150	12.97	12.96	12.79
160	13.03	13.05	12.91
170	13.14	13.14	13.02
180	13.22	13.20	13.12
190	13.33	13.32	13.24
200	13.39	13.42	13.35
210	13.45	13.50	13.76
220	13.50	13.56	13.50
230	13.57	13.68	13.56
240	13.62	13.77	13.67
255	13.73	13.83	13.75
270	13.84	13.93	13.83
285	14.01	14.11	13.95
300	14.12	14.24	14.07
315	14.27	14.37	14.22
330	14.42	14.52	14.39
345	14.64	14.68	14.57
360	14.77	14.86	14.68
375	14.95	15.05	14.84
390	15.17	15.23	15.08
405	15.33	15.36	15.22
420	15.47	15.51	15.38
435	15.64	15.65	15.51
450	15.83	15.78	15.65
465	15.93	15.99	15.82
480	16.14	16.16	15.92

Table B.5.2.3.20. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.41	11.45	11.50
20	11.58	11.51	11.63
30	11.62	11.56	11.66
40	11.74	11.73	11.70
50	11.86	11.87	11.84
60	11.96	11.91	11.91
70	12.10	12.23	12.06
80	12.26	12.32	12.10
90	12.22	12.43	12.23
100	12.37	12.51	12.30
110	12.48	12.61	12.43
120	12.62	12.75	12.63
130	12.74	12.81	12.73
140	12.83	12.94	12.91
150	12.90	12.99	13.02
160	12.97	13.08	13.08
170	13.10	13.19	13.23
180	13.17	13.33	13.29
190	13.24	13.41	13.36
200	13.34	13.48	13.46
210	13.39	13.56	13.53
220	13.41	13.65	13.57
230	13.51	13.70	13.69
240	13.59	13.79	13.80
255	13.63	13.89	13.85
270	13.78	14.00	13.97
285	13.95	14.17	14.11
300	14.13	14.22	14.23
315	14.19	14.40	14.42

330	14.35	14.63	14.58
345	14.49	14.77	14.73
360	14.74	14.96	14.94
375	14.98	15.05	15.14
390	15.13	15.31	15.26
405	15.22	15.39	15.44
420	15.37	15.57	15.54
435	15.48	15.72	15.73
450	15.62	15.86	15.87
465	15.79	16.09	16.11
480	15.95	16.18	16.31

Table B.5.2.3.21. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 0 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.50	11.50	11.76
20	11.63	11.68	11.81
30	11.69	11.79	11.85
40	11.79	11.84	11.95
50	11.85	11.87	12.05
60	11.93	11.95	12.11
70	12.00	12.01	12.21
80	12.09	12.13	12.27
90	12.21	12.24	12.33
100	12.27	12.32	12.36
110	12.39	12.39	12.42
120	12.44	12.50	12.52

130	12.50	12.51	12.60
140	12.56	12.64	12.66
150	12.61	12.67	12.74
160	12.65	12.70	12.79
170	12.71	12.79	12.87
180	12.83	12.85	13.01
190	12.91	12.97	13.05
200	12.94	13.03	13.10
210	13.01	13.10	13.18
220	13.05	13.16	13.25
230	13.15	13.24	13.10
240	13.22	13.31	13.39
255	13.37	13.45	13.51
270	13.44	13.54	13.54
285	13.60	13.69	13.66
300	13.64	13.75	13.76
315	13.71	13.84	13.81
330	13.78	13.93	13.92
345	13.89	13.98	14.01
360	13.99	14.11	14.10
375	14.09	14.21	14.17
390	14.16	14.26	14.25
405	14.21	14.35	14.28
420	14.26	14.39	14.37
435	14.33	14.47	14.44
450	14.45	14.57	14.48
465	14.52	14.66	14.55
480	14.61	14.73	14.62

Table B.5.2.3.22. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.58	11.57	11.65
20	11.66	11.67	11.73
30	11.79	11.81	11.81
40	11.88	11.84	11.92
50	11.96	11.98	12.01
60	12.00	12.07	12.06
70	12.08	12.16	12.11
80	12.16	12.24	12.20
90	12.23	12.28	12.25
100	12.32	12.40	12.29
110	12.37	12.48	12.39
120	12.52	12.61	12.48
130	12.59	12.67	12.55
140	12.64	12.75	12.60
150	12.77	12.88	12.64
160	12.84	12.93	12.67
170	12.95	13.06	12.78
180	13.05	13.12	12.84
190	13.07	13.21	12.90
200	13.15	13.33	12.96
210	13.22	13.39	13.00
220	13.28	13.50	13.04
230	13.12	13.59	13.13
240	13.38	13.65	13.21
255	13.44	13.69	13.26
270	13.49	13.75	13.31
285	13.56	13.82	13.41
300	13.64	13.94	13.44
315	13.73	14.02	13.52

330	13.84	14.08	13.66
345	13.90	14.13	13.80
360	13.99	14.16	13.96
375	14.04	14.27	14.05
390	14.11	14.30	14.13
405	14.17	14.38	14.15
420	14.18	14.46	14.24
435	14.30	14.55	14.31
450	14.33	14.58	14.37
465	14.41	14.68	14.42
480	14.53	14.79	14.51

Table B.5.2.3.23. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 17.5%.

	width after swelling (mm)		
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.77	11.58	11.53
20	11.83	11.68	11.67
30	11.83	11.72	11.71
40	12.00	11.84	11.84
50	12.10	11.90	11.92
60	12.13	11.91	11.98
70	12.21	11.97	12.08
80	12.23	11.91	12.13
90	12.23	11.97	12.15
100	12.24	12.03	12.25
110	12.49	12.21	12.36
120	12.57	12.28	12.50

130	12.67	12.46	12.58
140	12.76	12.60	12.66
150	12.81	12.68	12.79
160	12.88	12.75	12.82
170	12.95	12.90	12.96
180	13.11	12.99	13.09
190	13.12	13.12	13.14
200	13.16	13.22	13.20
210	13.27	13.33	13.28
220	13.29	13.40	13.31
230	13.38	13.52	13.41
240	13.47	13.58	13.46
255	13.53	13.69	13.57
270	13.60	13.76	13.64
285	13.75	13.89	13.81
300	13.83	14.01	13.83
315	13.90	14.08	13.94
330	14.03	14.16	13.98
345	14.18	14.28	14.03
360	14.34	14.28	14.15
375	14.41	14.35	14.22
390	14.55	14.27	14.31
405	14.47	14.27	14.25
420	14.57	14.50	14.36
435	14.60	14.59	14.41
450	14.64	14.67	14.49
465	14.69	14.73	14.56
480	14.75	14.82	14.66

Table B.5.2.3.24. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 1 mm, porosity 20%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.56	11.52	11.68
20	11.70	11.58	11.73
30	11.72	11.64	11.80
40	11.88	11.73	11.93
50	11.95	11.83	12.01
60	11.97	11.90	12.07
70	12.05	12.00	12.15
80	12.09	12.05	12.19
90	12.22	12.11	12.17
100	12.30	12.22	12.26
110	12.33	12.20	12.24
120	12.44	12.21	12.33
130	12.51	12.33	12.36
140	12.60	12.41	12.48
150	12.68	12.47	12.55
160	12.71	12.51	12.62
170	12.85	12.57	12.70
180	12.92	12.70	12.81
190	13.01	12.76	12.82
200	13.06	12.82	12.85
210	13.12	12.93	12.96
220	13.19	12.95	13.00
230	13.20	13.01	12.99
240	13.29	13.06	13.09
255	13.32	13.18	13.17
270	13.40	13.22	13.21
285	13.53	13.37	13.33
300	13.62	13.52	13.37
315	13.64	13.56	13.45
330	13.74	13.67	13.50

345	13.79	13.72	13.56
360	13.94	13.76	13.67
375	14.02	13.83	13.74
390	14.03	13.92	13.82
405	14.09	13.96	13.87
420	14.12	13.93	13.95
435	14.17	14.06	13.99
450	14.21	14.10	14.06
465	14.28	14.20	14.11
480	14.37	14.28	14.21

Table B.5.2.3.25. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 15%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.10	10.10	10.10
10	11.75	11.57	11.60
20	11.78	11.66	11.73
30	11.84	11.72	11.79
40	11.99	11.81	11.87
50	12.07	11.89	11.99
60	12.08	11.94	12.08
70	12.14	12.01	12.17
80	12.21	12.05	12.22
90	12.24	12.12	12.23
100	12.25	12.19	12.32
110	12.27	12.26	12.29
120	12.35	12.32	12.40

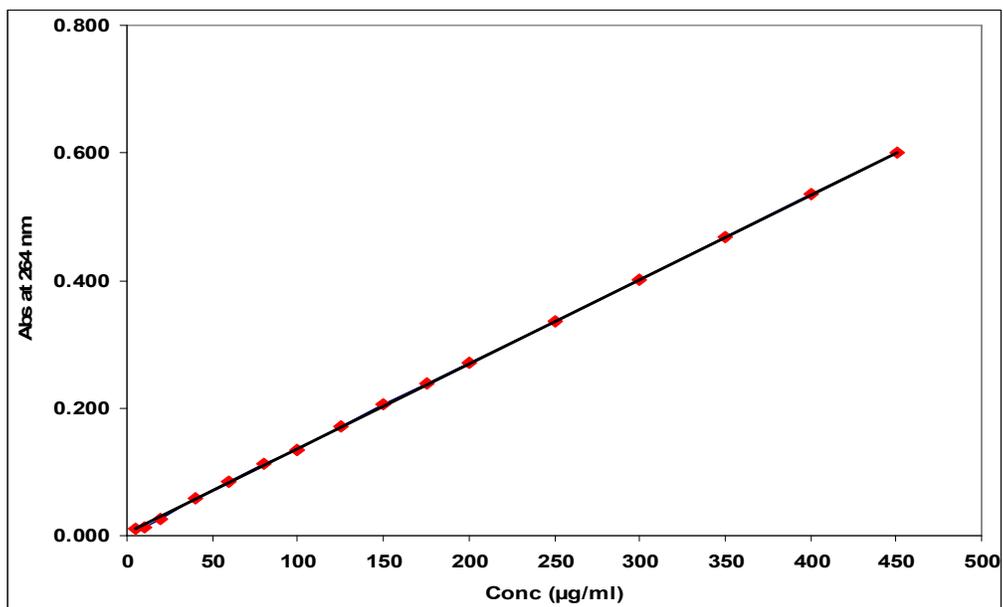
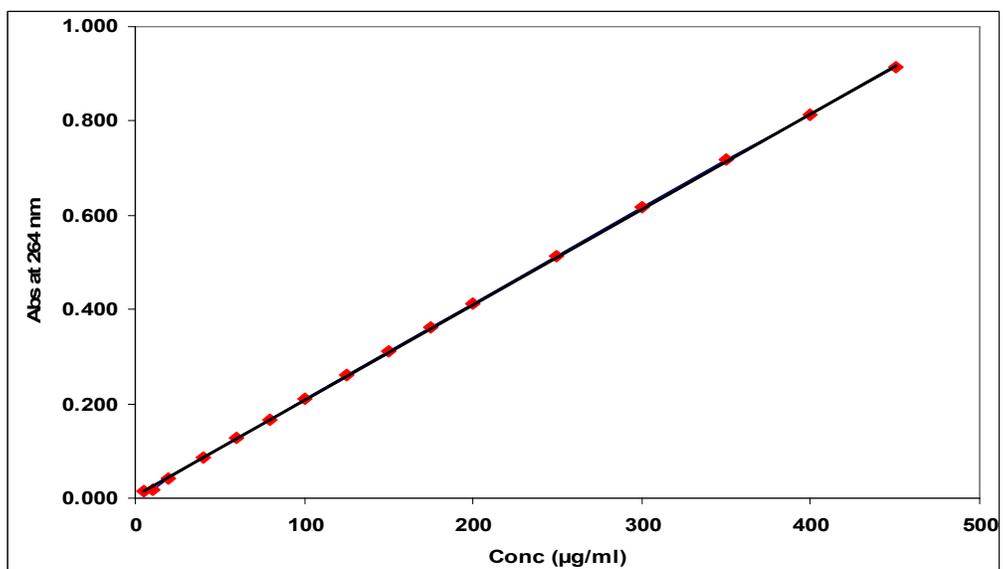
130	12.45	12.40	12.48
140	12.45	12.46	12.57
150	12.48	12.55	12.63
160	12.52	12.59	12.68
170	12.56	12.65	12.80
180	12.66	12.74	12.88
190	12.70	12.76	12.97
200	12.76	12.85	13.02
210	12.80	12.93	13.10
220	12.85	13.00	13.14
230	12.92	13.08	13.18
240	12.98	13.17	13.23
255	13.11	13.25	13.30
270	13.17	13.35	13.39
285	13.29	13.42	13.50
300	13.29	13.44	13.64
315	13.34	13.53	13.67
330	13.47	13.59	13.77
345	13.57	13.69	13.81
360	13.71	13.85	13.89
375	13.80	13.92	13.94
390	13.92	14.08	14.04
405	13.93	14.04	14.03
420	13.96	14.05	14.07
435	14.02	14.17	14.15
450	14.11	14.23	14.19
465	14.15	14.26	14.27
480	14.25	14.37	14.35

Table B.5.2.3.26. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 17.5%.

width after swelling (mm)			
	1	2	3
time(min)			
0	10.12	10.11	10.12
10	11.54	11.57	11.52
20	11.62	11.67	11.67
30	11.72	11.73	11.70
40	11.81	11.84	11.82
50	11.89	11.93	11.89
60	11.93	11.99	11.95
70	11.98	12.07	12.04
80	12.09	12.15	12.10
90	12.17	12.17	12.18
100	12.24	12.25	12.24
110	12.21	12.38	12.26
120	12.31	12.50	12.35
130	12.38	12.53	12.42
140	12.42	12.61	12.50
150	12.50	12.69	12.58
160	12.59	12.73	12.65
170	12.65	12.88	12.74
180	12.77	12.96	12.86
190	12.82	13.04	12.91
200	12.86	13.09	13.05
210	12.92	13.18	13.09
220	13.00	13.22	13.12
230	13.03	13.33	13.14
240	13.09	13.37	13.22
255	13.18	13.49	13.33
270	13.22	13.55	13.35
285	13.33	13.67	13.52
300	13.38	13.75	13.57
315	13.47	13.85	13.65

330	13.56	13.95	13.72
345	13.58	14.03	13.75
360	13.68	14.08	13.84
375	13.75	14.16	13.97
390	13.84	14.19	14.05
405	13.90	14.23	14.06
420	13.87	14.31	14.11
435	14.00	14.41	14.15
450	14.05	14.46	14.16
465	14.13	14.56	14.25
480	14.22	14.62	14.35

Table B.5.2.3.27. Consecutive hydration widths of elongated Xanthan Gum tablets with Orphenadrine HCl, curvature height 2 mm, porosity 20%.

C. Results of tablet dissolution studies:**C.1. calibration of drugs and polymer:****C.1.1. Calibration at λ of 264 nm:****Figure C.1.1.1.** Calibration curve of Orphenadrine Citrate at λ of 264 nm.**Figure C.1.1.2.** Calibration curve of Orphenadrine HCl at λ of 264 nm.

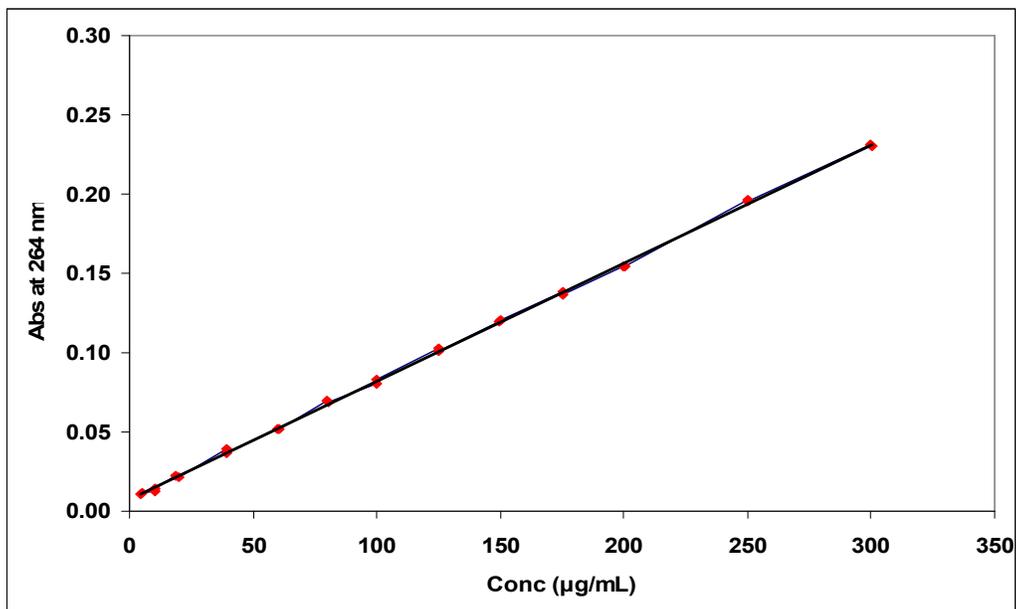


Figure C.1.1.3. Calibration curve of Xanthan Gum at λ of 264 nm.

C.1.2. Calibration at λ of 244 nm:

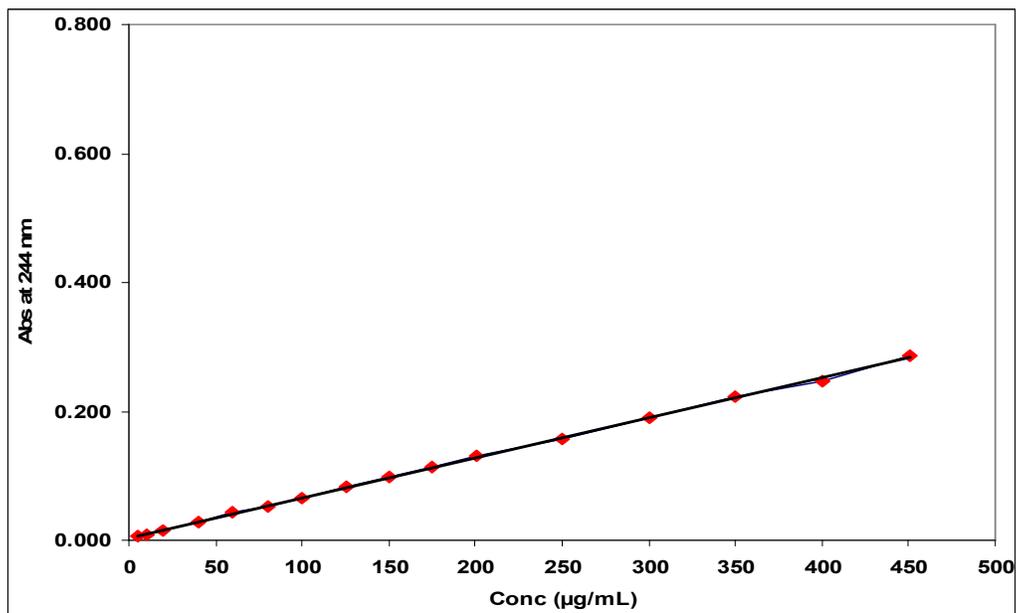


Figure C.1.2.1. Calibration curve of Orphenadrine Citrate at λ of 244 nm.

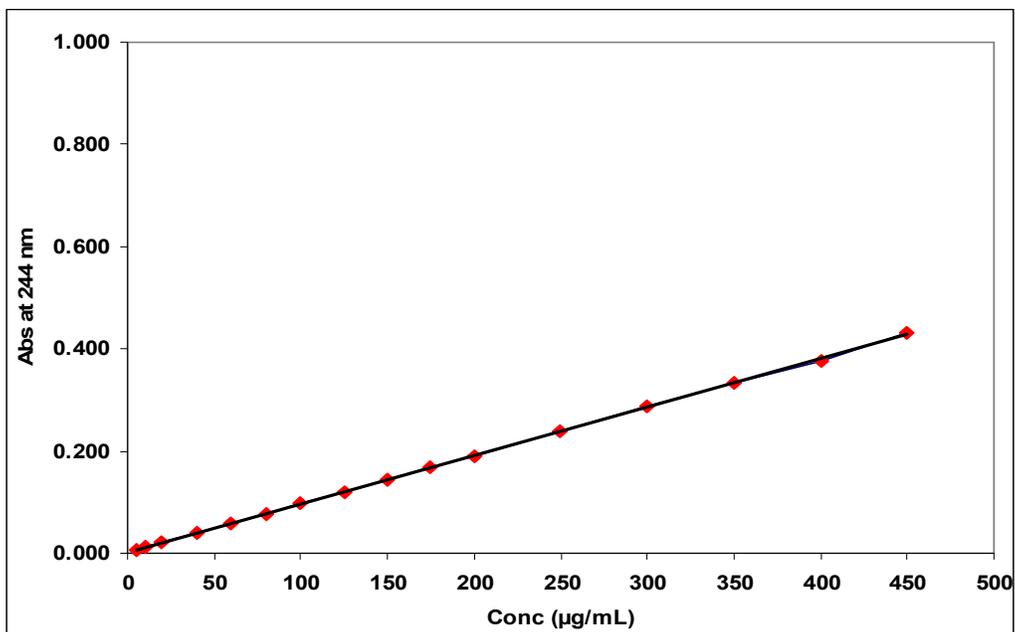


Figure C.1.2.2. Calibration curve of Orphenadrine HCl at λ of 244 nm.

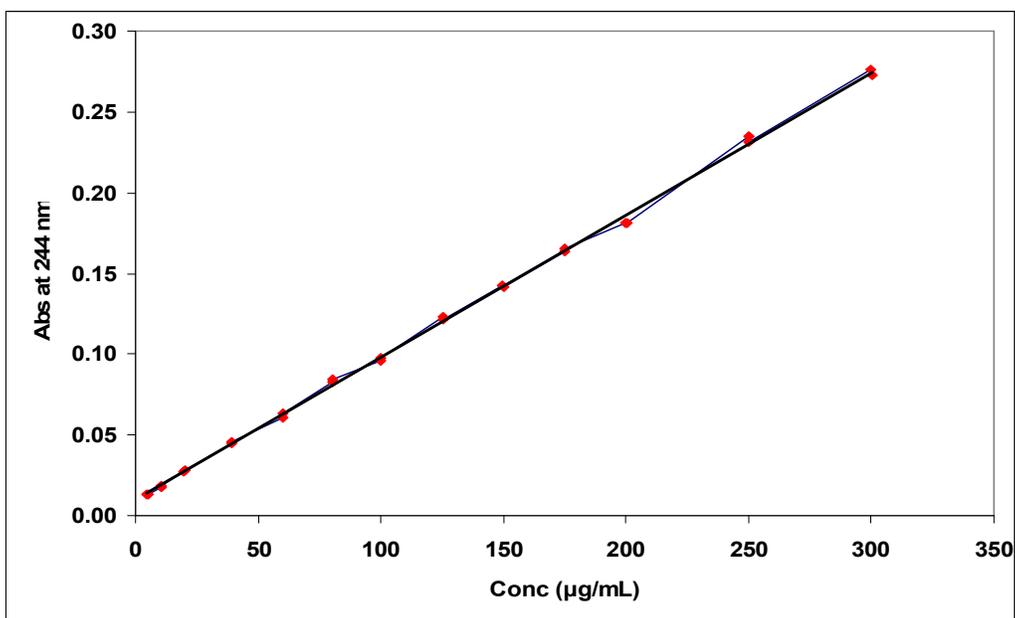


Figure C.1.2.3. Calibration curve of Xanthan Gum at λ of 244 nm.

C.1.3. Correlation of drugs and polymer absorbance at λ of 244 and at λ of 264 nm.

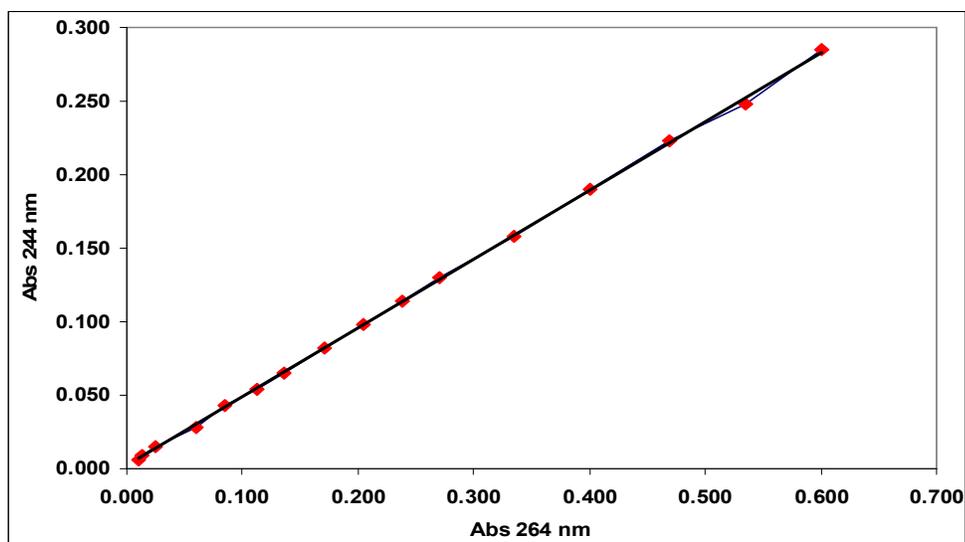


Figure C.1.3.1. Correlation of Orphenadrine Citrate absorbance at $\lambda=244$ nm and $\lambda=264$ nm. Linear regression equation: $Y = 0.4679 \cdot X + 0.0023$, $R^2 = 0.9996$.

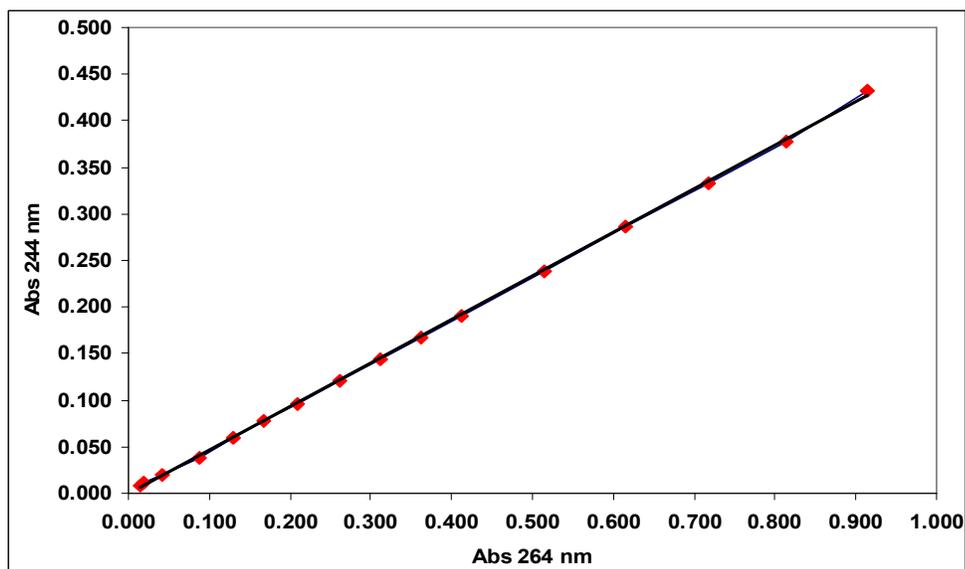


Figure C.1.3.2. Correlation of Orphenadrine HCl absorbance at $\lambda=244$ nm and $\lambda=264$ nm. Linear regression equation: $Y = 0.4672 \cdot X + 0.0007$, $R^2 = 0.9998$.

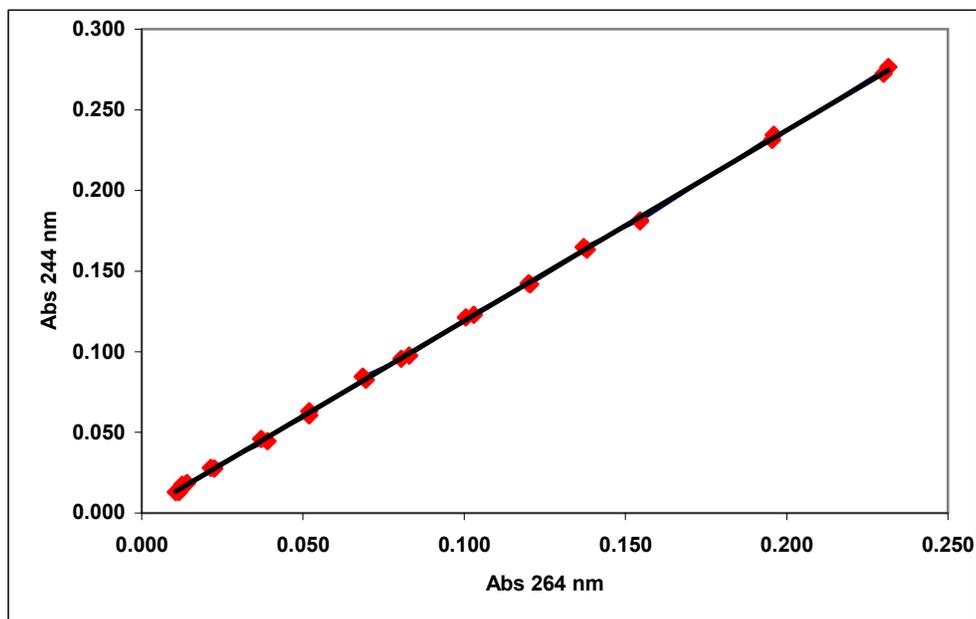


Figure C.1.3.3. Correlation of Xanthan Gum absorbance at $\lambda=244$ nm and $\lambda=264$ nm. Linear regression equation: $Y = 1.1822 \cdot X + 0.0009$, $R^2 = 0.9996$.

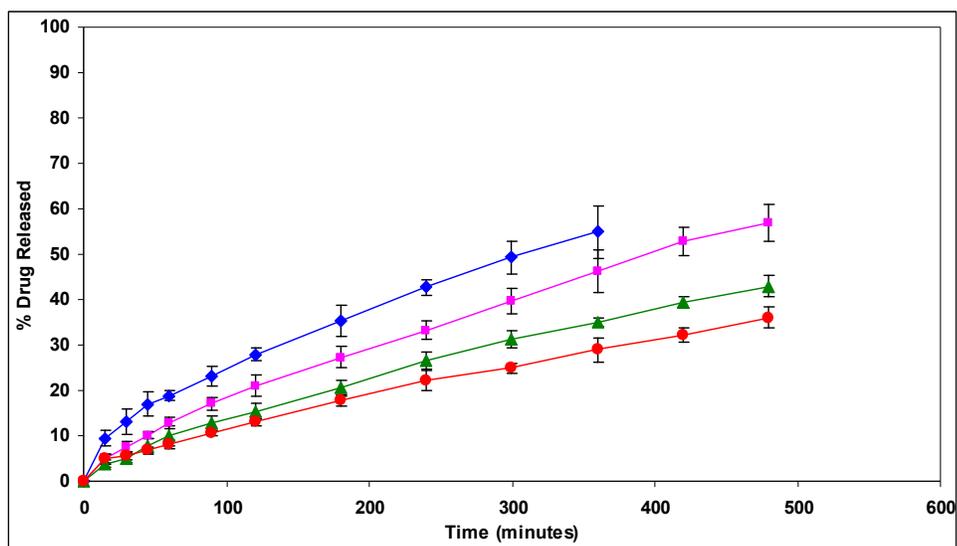
C.2. Round tablets dissolution studies:

Figure C.2.1. Percentage drug released from round Xanthan Gum tablets with Orphenadrine Citrate, porosity 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

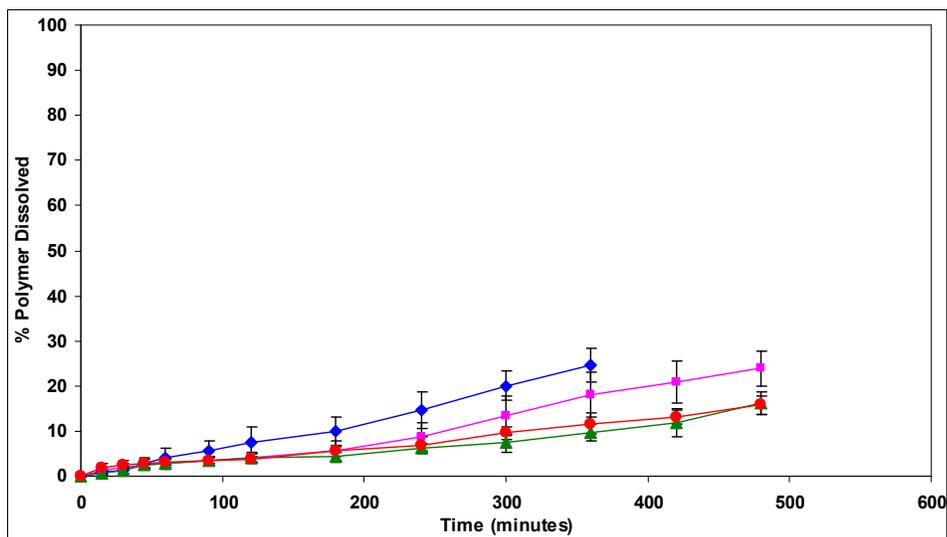


Figure C.2.2. Percentage polymer dissolved from round Xanthan Gum tablets with Orphenadrine Citrate, porosity 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

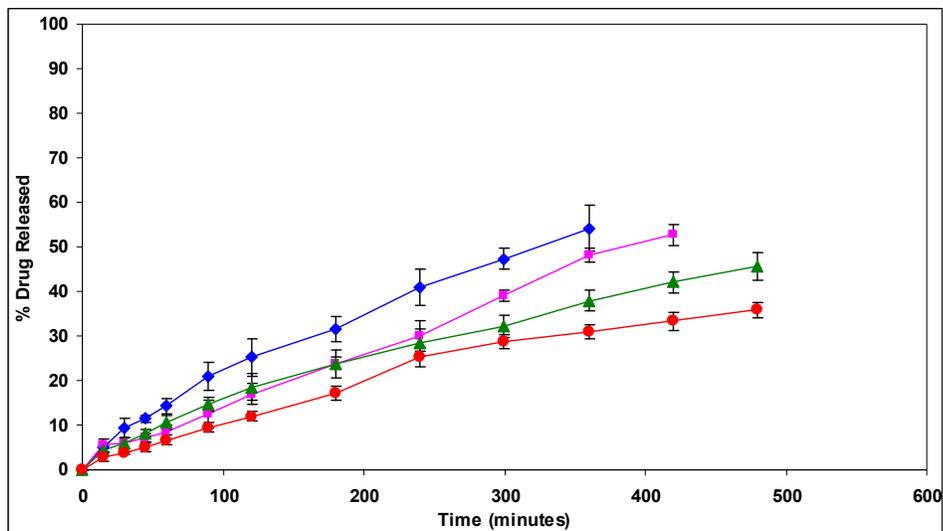


Figure C.2.3. Percentage drug released from round Xanthan Gum tablets with Orphenadrine Citrate, porosity 17.5%. -◆-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

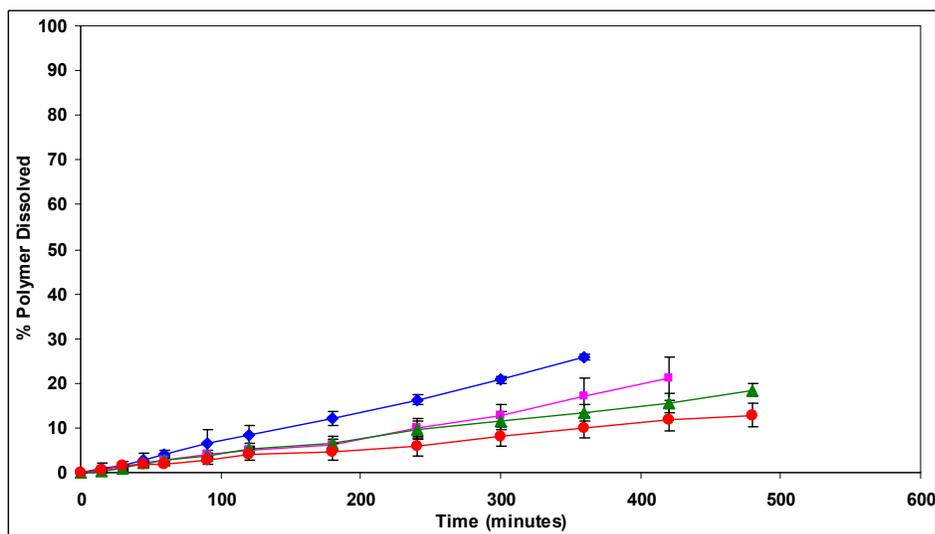


Figure C.2.4. Percentage polymer dissolved from round Xanthan Gum tablets with Orphenadrine Citrate, porosity 17.5%. -◆-(R/D= 0), -■-(R/D=0.5), -▲-(R/D=1), -●-(R/D=1.43), (n=6).

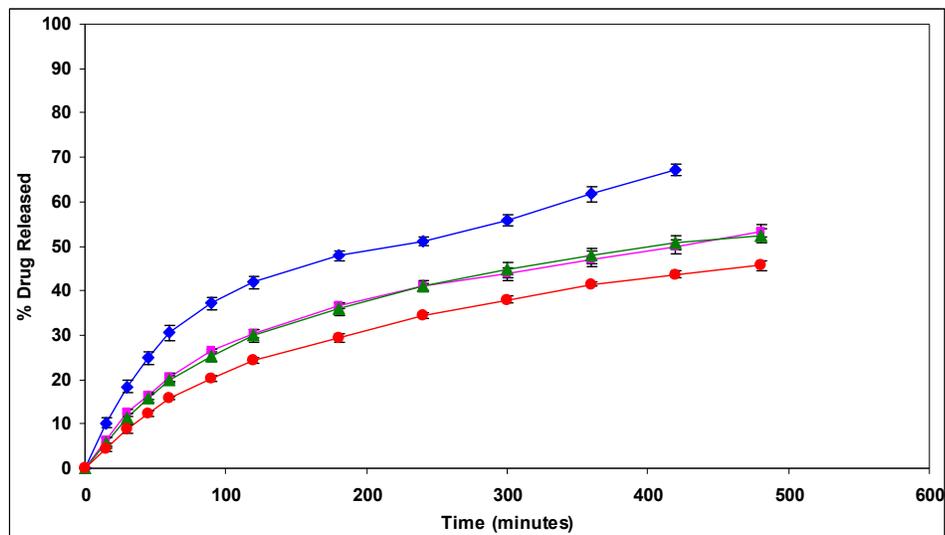


Figure C.2.5. Percentage drug released from round Xanthan Gum tablets with Orphenadrine HCl, porosity 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

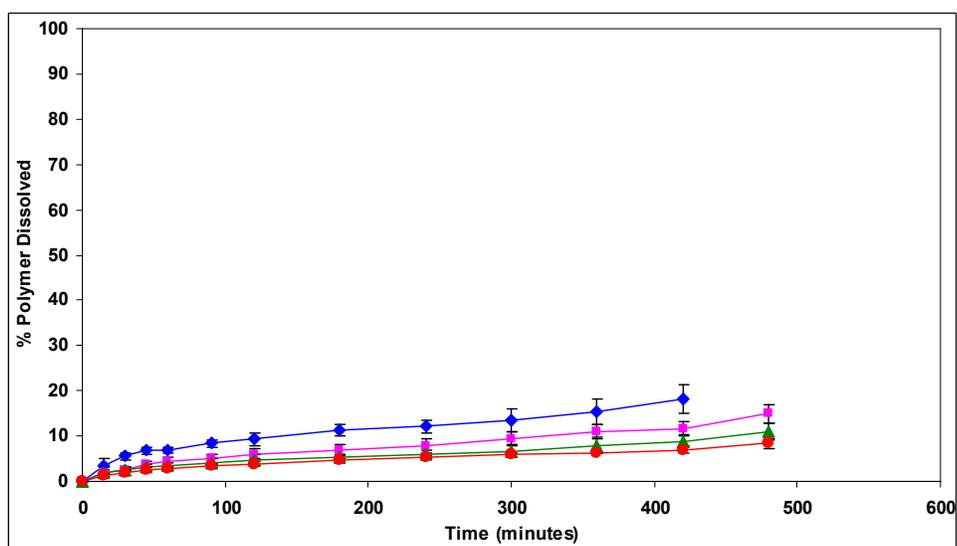


Figure C.2.6. Percentage polymer dissolved from round Xanthan Gum tablets with Orphenadrine HCl, porosity 15%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

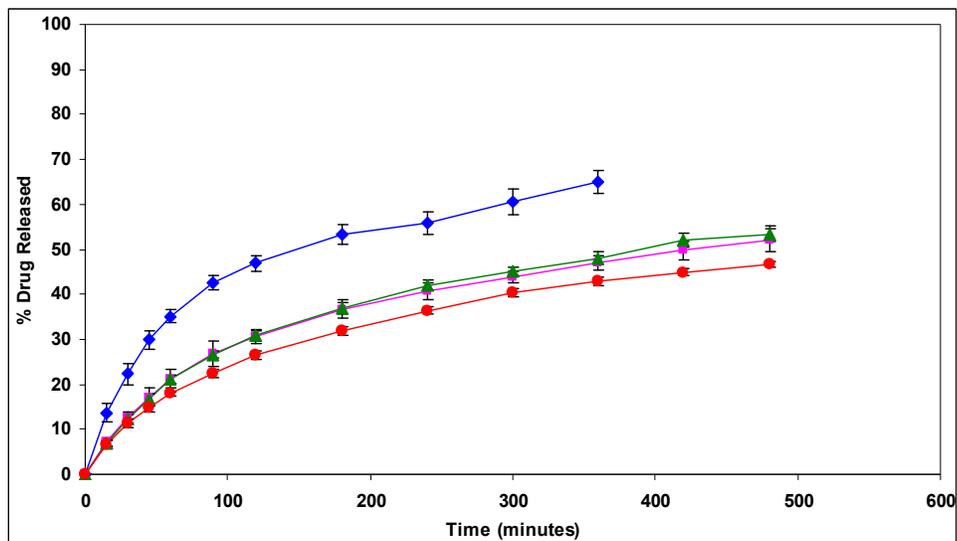


Figure C.2.7. Percentage drug released from round Xanthan Gum tablets with Orphenadrine HCl, porosity 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

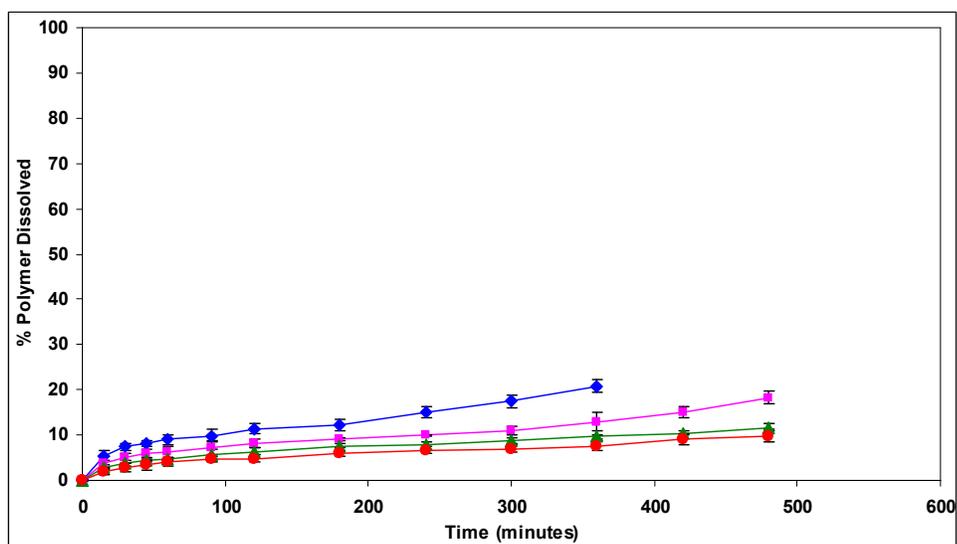


Figure C.2.8. Percentage polymer dissolved from round Xanthan Gum tablets with Orphenadrine HCl, porosity 17.5%. \blacklozenge -(R/D= 0), \blacksquare -(R/D=0.5), \blacktriangle -(R/D=1), \bullet -(R/D=1.43), (n=6).

C.3. Statistical analysis of round tablets dissolution studies:

C.3.1. Round Xanthan Gum tablets with Orphenadrine Citrate:

Curvature	N	Subset		
		1	2	3
1.43	6	7.57817		
1	6	8.69250		
0.5	6		13.35883	
0	6			19.93700
Sig.		.777	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.1. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 12.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	8.06783		
1	6	9.97683		
0.5	6		12.69333	
0	6			18.88550
Sig.		.205	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.2. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
1.43	6	6.67750		
0.5	6	8.50717	8.50717	
1	6		10.64933	
0	6			14.31483
Sig.		.267	.155	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.3. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	16.86183		
1	6	19.74967		
0.5	6		27.39800	
0	6			34.84517
Sig.		.163	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.4. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes. Porosity 12.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	17.69483		
1	6	20.54767		
0.5	6		27.32467	
0	6			35.20467
Sig.		.236	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.5. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
1.43	6	17.21183		
1	6		23.80233	
0.5	6		23.90500	
0	6			31.63317
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.6. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes. Porosity 17.5%.

Curvature	N	Subset			
		1	2	3	4
1.43	18	29.21494			
1	18		36.20967		
0.5	18			46.01133	
0	18				54.47117
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.1.7. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 360 minutes.

Curvature	N	Subset	
		1	2
1.43	6	2.04633	
1	6	3.37917	
0.5	6	4.12583	4.12583
0	6		6.81167
Sig.		.249	.091

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.8. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 12.5%

Curvature	N	Subset
		1
0.5	6	2.77500
1	6	2.86100
1.43	6	3.11317
0	6	4.01800
Sig.		.480

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.9. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 15%.

Curvature	N	Subset	
		1	2
1.43	6	1.97367	
0.5	6	2.74650	2.74650
1	6	2.82250	2.82250
0	6		4.05400
Sig.		.383	.085

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.1.10. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 17.5%

Curvature	N	Subset	
		1	2
1.43	18	5.09972	
1	18	5.70094	
0.5	18	6.81094	
0	18		11.21517
Sig.		.082	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.1.11. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes.

Porosity	N	Subset	
		1	2
15%	24	6.33050	
17.5%	24	7.45017	7.45017
12.5%	24		7.83942
Sig.		.143	.785

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 24.000.
Alpha = .05.

Table C.3.1.12. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes. Differences between porosity levels.

Curvature	N	Subset		
		1	2	3
1.43	18	11.07694		
1	18	11.64972		
0.5	18		17.71606	
0	18			24.38617
Sig.		.959	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.1.13. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine Citrate at 360 minutes.

C.3.2. Round Xanthan Gum tablets with Orphenadrine HCl:

Curvature	N	Subset		
		1	2	3
1.43	6	16.36233		
0.5	6		20.18350	
1	6		20.38250	
0	6			28.79183
Sig.		1.000	.989	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.1. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 12.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	15.74950		
1	6		20.02417	
0.5	6		20.51767	
0	6			30.51267
Sig.		1.000	.899	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.2. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
1.43	6	17.83367		
1	6		21.03367	
0.5	6		21.28083	
0	6			35.04450
Sig.		1.000	.992	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.3. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	29.88600		
0.5	6		35.45250	
1	6		36.17200	
0	6			47.60500
Sig.		1.000	.879	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.4. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 12.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	29.34867		
1	6		35.90200	
0.5	6		36.60317	
0	6			47.90350
Sig.		1.000	.722	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.5. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
1.43	6	31.88183		
0.5	6		36.72483	
1	6		36.91017	
0	6			53.33883
Sig.		1.000	.998	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.6. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
1.43	18	41.88906		
0.5	18		47.42567	
1	18		47.78550	
0	18			62.74706
Sig.		1.000	.967	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.2.7. Sheffé test analysis for drug dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 360 minutes.

Curvature	N	Subset		
		1	2	3
1.43	18	2.95061		
1	18	3.36400		
0.5	18		4.84239	
0	18			7.07717
Sig.		.591	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.2.8. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 60 minutes.

Porosity	N	Subset		
		1	2	3
12.5%	24	3.27446		
15%	24		4.41517	
17.5%	24			5.98600
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 24.000.
Alpha = .05.

Table C.3.2.8. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Comparison of tablets with different porosities.

Curvature	N	Subset			
		1	2	3	4
1.43	18	4.67061			
1	18		5.62089		
0.5	18			7.24800	
0	18				10.46700
Sig.		1.000	1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 18.000.
Alpha = .05.

Table C.3.2.9. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 180 minutes.

Porosity	N	Subset		
		1	2	3
12.5%	24	5.32750		
15%	24		6.98796	
17.5%	24			8.68942
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 24.000.
Alpha = .05.

Table C.3.2.10. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Comparison of tablets with different porosities.

Curvature	N	Subset		
		1	2	3
1.43	6	5.78000		
1	6	7.50000	7.50000	
0.5	6		9.83017	
0	6			14.80650
Sig.		.434	.190	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.11. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 360 minutes. Porosity 12.5%.

Curvature	N	Subset		
		1	2	3
1.43	6	6.39850		
1	6	7.82567		
0.5	6		11.03133	
0	6			15.23517
Sig.		.583	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.12. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 360 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
1.43	6	7.64933		
1	6	9.59417		
0.5	6		12.96083	
0	6			20.76433
Sig.		.132	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 6.000.
Alpha = .05.

Table C.3.2.13. Sheffé test analysis for polymer dissolution profiles of round Xanthan Gum tablets with Orphenadrine HCl at 360 minutes. Porosity 17.5%.

C.4. Elongated tablets dissolution studies:

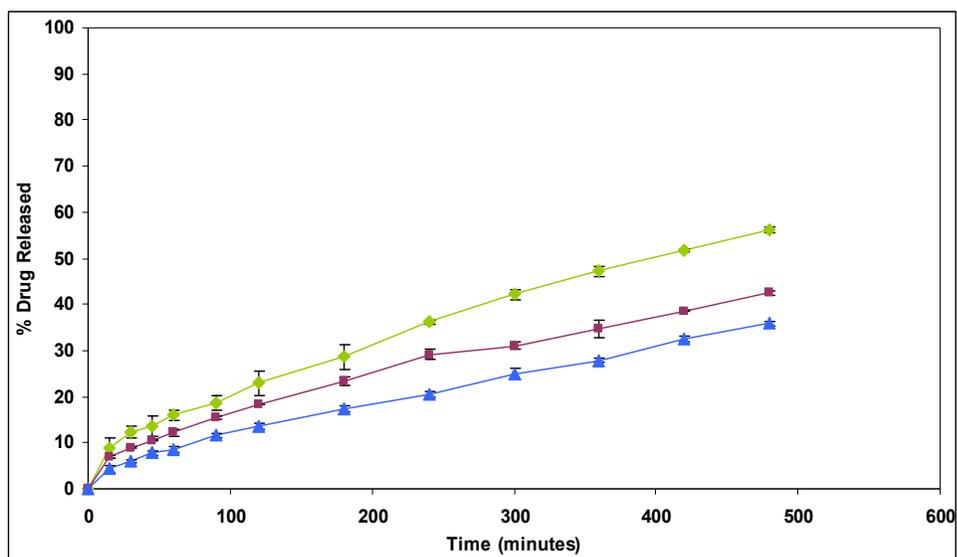


Figure C.4.1. Percentage drug released from elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity 17.5%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

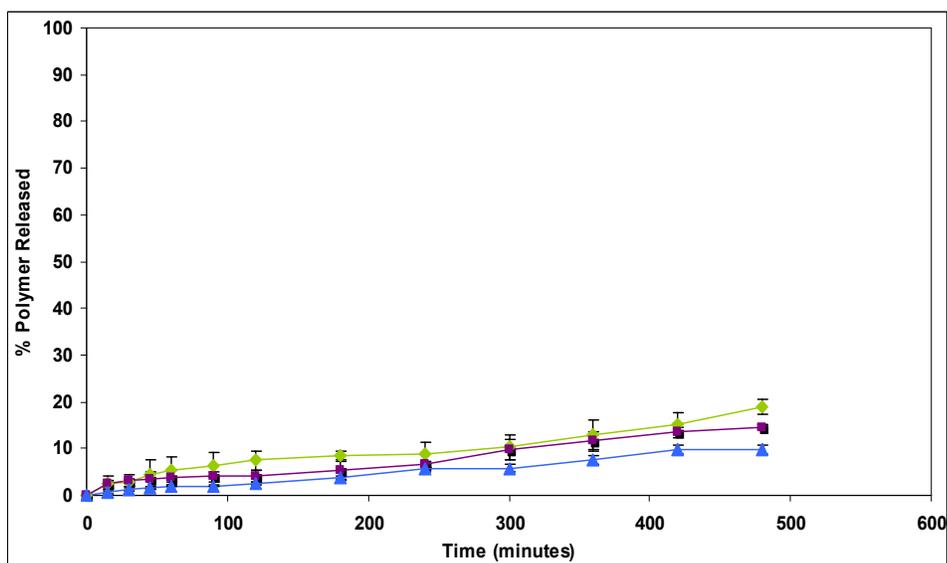


Figure C.4.2. Percentage polymer dissolved from elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity 17.5%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

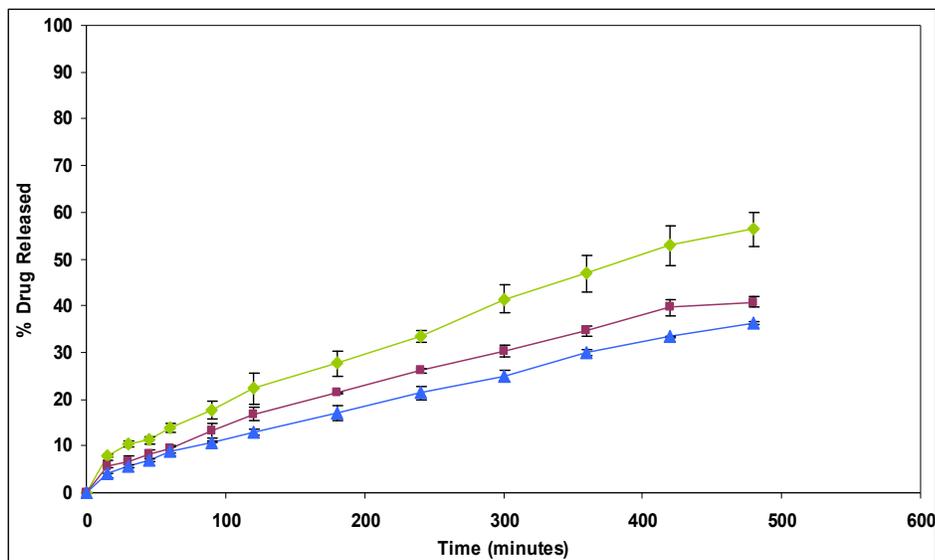


Figure C.4.3. Percentage drug released from elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity 20%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

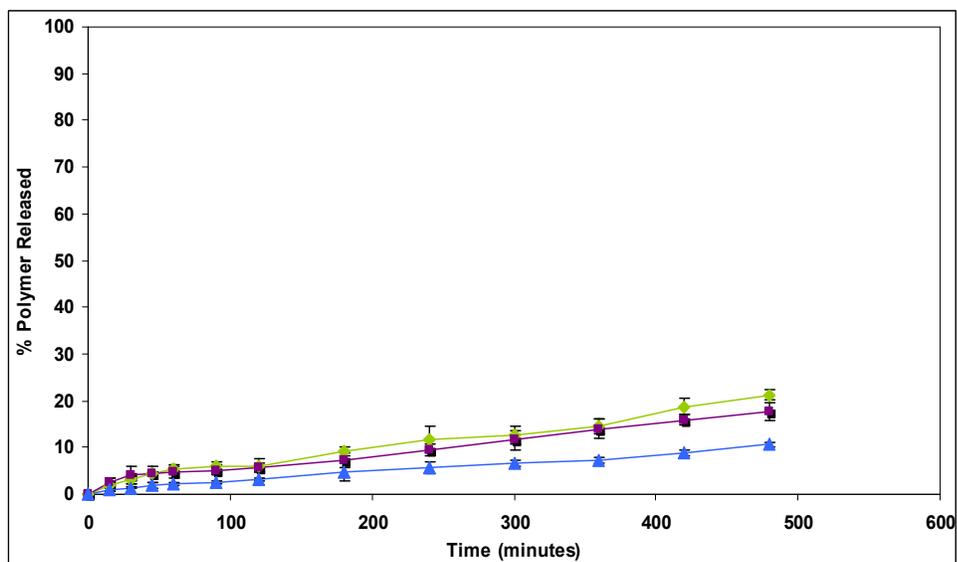


Figure C.4.4. Percentage polymer dissolved from elongated Xanthan Gum tablets with Orphenadrine Citrate, porosity 20%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

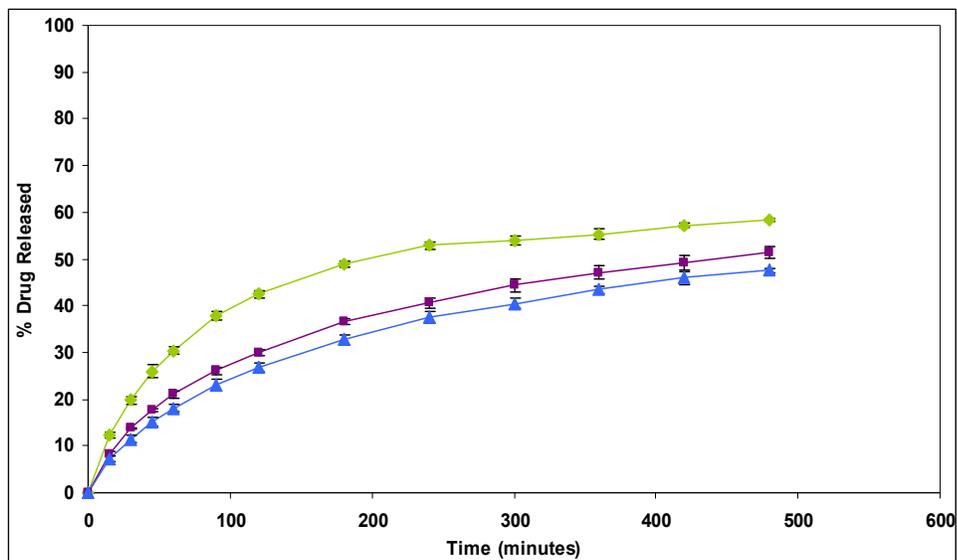


Figure C.4.5. Percentage drug released from elongated Xanthan Gum tablets with Orphenadrine HCl, porosity 17.5%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

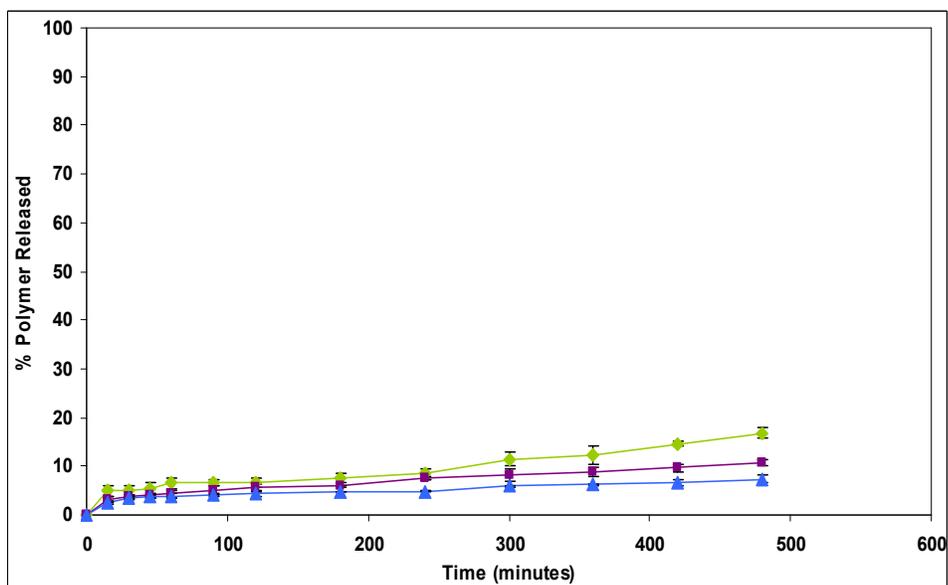


Figure C.4.6. Percentage polymer dissolved from elongated Xanthan Gum tablets with Orphenadrine HCl, porosity 17.5%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

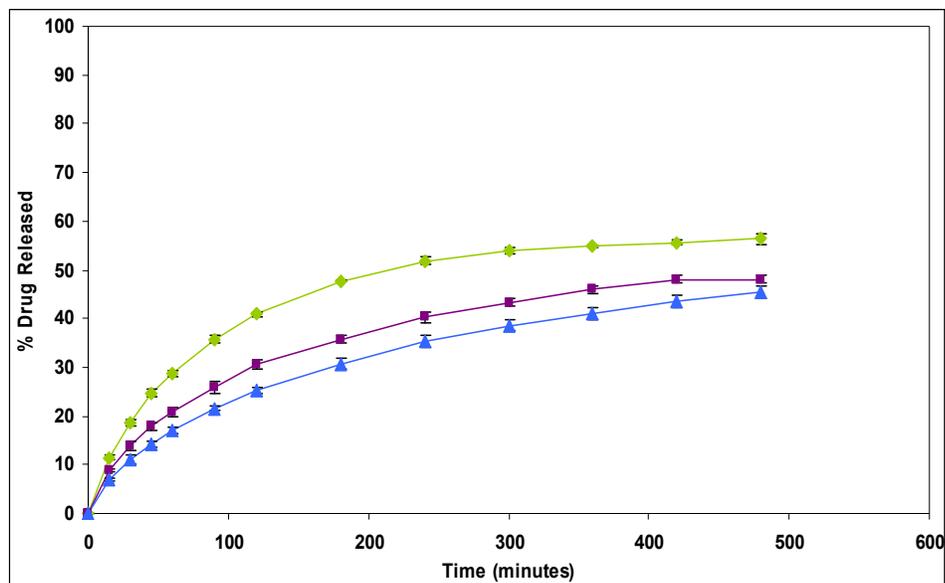


Figure C.4.7. Percentage drug released from elongated Xanthan Gum tablets with Orphenadrine HCl, porosity 20%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

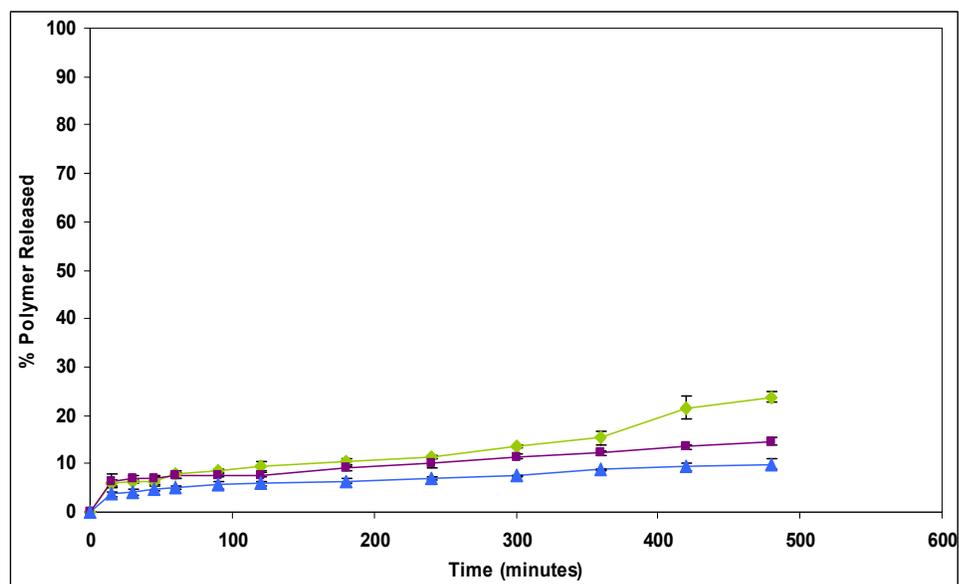


Figure C.4.8. Percentage polymer dissolved from elongated Xanthan Gum tablets with Orphenadrine HCl, porosity 20%. -◆-(curvature height 0 mm), -■-(curvature height 1mm), -▲-(curvature height 2 mm), (n=3).

C.5. Statistical analysis of elongated tablets dissolution studies:

C.5.1. Elongated Xanthan Gum tablets with Orphenadrine Citrate:

Curvature	N	Subset	
		1	2
2	3	9.48033	
1	3	10.41600	
0	3		16.54000
Sig.		.355	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.1.1. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
2	3	8.45767		
1	3		12.27267	
0	3			16.02767
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.1.2. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 17.5%

Curvature	N	Subset	
		1	2
2	3	8.72300	
1	3	9.36167	
0	3		13.87067
Sig.		.719	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.1.3. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes. Porosity 20%

Curvature	N	Subset		
		1	2	3
2	9	17.31611		
1	9		22.35578	
0	9			28.86789
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.1.4. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes.

Curvature	N	Subset		
		1	2	3
2	9	29.07378		
1	9		34.58711	
0	9			46.88933
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.1.5. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 360 minutes.

Curvature	N	Subset	
		1	2
2	9	2.52011	
1	9	3.96400	3.96400
0	9		4.69189
Sig.		.104	.531

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.1.6. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 60 minutes.

Curvature	N	Subset	
		1	2
2	9	4.58622	
1	9	5.91567	
0	9		8.29011
Sig.		.143	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.1.7. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 180 minutes.

Curvature	N	Subset	
		1	2
2	9	7.44056	
1	9		11.71956
0	9		13.74000
Sig.		1.000	.062

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.1.8. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine Citrate at 360 minutes.

C.5.2. Elongated Xanthan Gum tablets with Orphenadrine HCl:

Curvature	N	Subset		
		1	2	3
2	9	17.52311		
1	9		20.66356	
0	9			29.63089
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Scheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.1. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 60 minutes.

Porosity	N	Subset
20%	9	22.20878
15%	9	22.45300
17.5%	9	23.15578
Sig.		.055

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.2. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Differences between porosity levels.

Curvature	N	Subset		
		1	2	3
2	3	31.44700		
1	3		36.77267	
0	3			45.70367
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.3. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 15%.

Curvature	N	Subset		
		1	2	3
2	3	32.70233		
1	3		36.63167	
0	3			48.77600
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.4. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 17.5%.

Curvature	N	Subset		
		1	2	3
2	3	30.69767		
1	3		35.78800	
0	3			47.66933
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.5. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	9	42.25567		
1	9		46.96433	
0	9			54.53078
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.6. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 360 minutes.

Porosity	N	Subset	
		1	2
20%	9	47.22711	
15%	9	47.92700	47.92700
17.5%	9		48.59667
Sig.		.409	.440

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.7. Sheffé test analysis for drug dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 360 minutes. Differences between porosity levels.

Curvature	N	Subset		
		1	2	3
2	3	2.57533		
1	3		4.42567	
0	3			6.90133
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.8. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 15%.

Curvature	N	Subset	
		1	2
2	3	3.93533	
1	3	4.27533	4.27533
0	3		6.48533
Sig.		.900	.063

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.9. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 17.5%.

Curvature	N	Subset	
		1	2
2	3	5.03367	
1	3		7.44300
0	3		7.78833
Sig.		1.000	.790

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.10. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 60 minutes. Porosity 20%.

Curvature	N	Subset	
		1	2
2	3	3.28733	
1	3	5.23033	
0	3		10.53033
Sig.		.104	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.11. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 15%.

Curvature	N	Subset	
		1	2
2	3	4.73733	
1	3	5.89133	
0	3		7.58033
Sig.		.096	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.12. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 17.5%.

Curvature	N	Subset	
		1	2
2	3	6.36867	
1	3		9.07000
0	3		10.38667
Sig.		1.000	.093

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 3.000.
Alpha = .05.

Table C.5.2.13. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Porosity 20%.

Curvature	N	Subset		
		1	2	3
2	9	6.62800		
1	9		9.73187	
0	9			13.86418
Sig.		1.000	1.000	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.14. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 360 minutes.

Porosity	N	Subset	
		1	2
15%	9	9.02546	
17.5%	9	9.11506	
20%	9		12.08353
Sig.		.981	1.000

Means for groups in homogeneous subsets are displayed.
Sheffe test uses Harmonic Mean Sample Size = 9.000.
Alpha = .05.

Table C.5.2.15. Sheffé test analysis for polymer dissolution profiles of elongated Xanthan Gum tablets with Orphenadrine HCl at 180 minutes. Differences between porosity levels.