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APPENDIX

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Table 24. Amount of Prednisolone Dissolved from Prednisolone Control Tablets in Distilled Water

Time (min.)	% dissolved		
	1	2	average+S.D.
1	11.6	24.6	18.1+6.51
3	33.3	42.5	37.9+4.56
5	48.7	52.1	50.4+1.74
7	58.7	59.0	58.4+0.11
10	68.2	70.0	69.1+0.93
15	76.7	73.3	75.0+1.71
20	80.9	77.8	79.4+1.52
30	85.9	82.9	84.4+1.52
45	88.5	85.4	86.9+1.53
60	89.4	86.7	88.0+1.34

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Table 25. Amount of Prednisolone Dissolved from Tablets Containing 1:1 Prednisolone:Dextrose Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	15.8	15.8	15.8+0.02	12.2	5.2	8.7+3.50
3	28.0	28.5	28.2+0.22	28.0	21.7	24.8+3.15
5	38.7	40.1	39.4+0.69	40.9	28.9	34.9+6.00
7	45.8	48.2	47.0+1.20	50.0	38.3	44.1+5.90
10	54.2	57.2	55.7+1.51	58.9	48.2	53.5+5.34
15	63.9	66.7	65.3+1.40	70.8	62.1	66.5+4.35
20	73.3	71.1	72.2+1.14	79.9	73.2	76.5+3.38
30	82.0	78.3	80.2+1.86	89.9	85.2	87.6+2.36
45	87.5	84.4	85.9+1.55	98.3	94.8	96.5+1.76
60	91.9	87.7	89.8+2.10	101.9	98.4	100.1+1.78

Table 26. Amount of Prednisolone Dissolved from Tablets Containing 1:3 Prednisolone:Dextrose Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	13.8	27.7	20.7+6.92	22.6	24.3	23.5+0.82
3	36.7	47.1	41.9+5.20	52.9	44.3	48.6+4.31
5	50.5	60.8	55.7+5.15	67.0	57.5	62.2+4.73
7	60.9	70.0	65.4+4.58	72.9	64.3	68.6+4.31
10	68.8	77.2	73.0+4.16	80.7	72.3	76.5+4.18
15	78.9	83.1	81.0+2.09	85.9	80.6	83.3+2.65
20	85.0	88.7	86.9+1.81	89.0	85.2	87.1+1.92
30	91.2	91.7	91.5+0.25	93.9	90.6	92.2+1.63
45	91.4	95.7	93.5+2.15	98.3	94.0	96.2+2.15
60	91.9	95.4	93.7+1.73	97.2	95.4	96.3+0.88

Table 27. Amount of Prednisolone Dissolved from Tablets Containing 1:5 Prednisolone:Dextrose Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	33.4	33.8	33.6+0.20	33.1	25.9	29.5+3.59
3	52.8	58.7	55.8+2.97	55.0	40.6	47.8+7.23
5	66.4	68.6	67.5+1.09	69.6	60.1	64.9+4.75
7	74.0	76.0	75.0+0.97	79.3	70.9	75.1+4.17
10	78.7	80.6	79.7+0.86	84.4	81.9	83.1+1.24
15	84.4	84.7	84.5+0.20	90.0	86.6	88.3+1.70
20	87.4	87.3	87.4+0.05	92.6	91.0	91.8+0.79
30	91.0	89.5	90.2+0.73	94.0	94.0	94.0+0.02
45	91.9	92.1	92.0+0.10	95.4	95.9	95.6+0.23
60	92.4	92.1	92.3+0.15	96.4	97.7	97.1+0.66

Table 28. Amount of Prednisolone Dissolved from Tablets Containing 1:1 Prednisolone:PEG 4000 Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	14.9	10.3	12.6+2.30	14.2	10.7	12.5+1.75
3	36.6	29.4	33.0+3.60	26.1	26.2	26.2+0.09
5	46.1	46.8	46.5+0.39	39.7	37.7	38.7+1.02
7	54.0	58.6	56.3+2.31	45.6	45.8	45.7+0.11
10	62.9	68.4	65.6+2.74	51.9	55.7	53.8+1.93
15	71.4	76.9	74.2+2.76	60.8	65.7	63.3+2.45
20	76.8	81.9	79.3+2.54	66.5	72.9	69.7+3.19
30	82.5	86.9	84.7+2.18	74.3	82.7	78.5+4.17
45	86.3	91.5	88.9+2.61	81.4	88.2	84.8+3.44
60	88.8	92.5	90.6+1.81	85.6	91.7	88.7+3.09

Table 29. Amount of Prednisolone Dissolved from Tablets Containing 1:3 Prednisolone:PEG 4000 Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	4.9	10.8	7.9+2.94	6.7	5.8	6.2+0.44
3	11.2	13.0	12.1+0.93	6.8	7.1	6.9+0.18
5	18.3	19.4	18.8+0.56	8.9	11.7	10.3+1.41
7	27.9	27.1	27.5+0.42	14.0	19.3	16.7+2.65
10	36.4	36.1	36.3+0.17	25.9	31.6	28.7+2.84
15	50.0	53.1	51.6+1.57	39.5	43.5	41.5+1.99
20	59.2	60.4	59.8+0.59	52.5	55.2	53.8+1.34
30	72.2	71.4	71.8+0.38	67.7	69.9	68.8+1.10
45	82.0	80.9	81.5+0.54	81.4	83.1	82.2+0.85
60	87.4	85.1	86.2+1.15	89.4	88.5	88.9+0.42

Table 30. Amount of Prednisolone Dissolved from Tablets Containing 1:5 Prednisolone:PEG 4000 Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate			
	% dissolved			% dissolved			
	1	2	average+S.D.	1	2	3	average+S.D.
1	8.5	5.8	7.2+1.37	7.0	4.7	9.7	7.1+2.04
3	12.3	8.4	10.3+1.96	10.1	9.9	10.2	10.1+0.14
5	18.5	13.8	16.2+2.33	13.7	15.5	13.7	14.3+0.86
7	22.8	20.6	21.7+1.07	17.3	20.8	19.3	19.1+1.42
10	27.9	30.0	28.9+1.04	21.9	27.4	23.7	24.3+2.32
15	40.0	53.9	46.9+6.98	35.6	42.7	32.0	36.7+4.44
20	54.6	66.9	60.8+6.16	47.7	60.2	42.4	50.1+7.46
30	78.3	83.0	80.7+2.33	84.8	81.7	70.2	78.9+6.31
45	88.9	86.0	87.4+1.49	101.0	93.3	90.0	94.4+4.96
60	89.5	90.6	90.0+0.57	104.7	95.6	96.3	98.8+4.15

Table 31. Amount of Prednisolone Dissolved from Tablets Containing 1:1 Prednisolone:SLS Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	4.2	4.1	4.2+0.03	23.5	11.3	17.4+6.13
3	5.5	8.3	6.9+1.41	54.1	34.4	44.1+9.71
5	9.4	9.3	9.3+0.06	68.5	57.3	62.9+5.61
7	17.9	18.9	18.4+0.51	74.3	68.4	71.4+2.97
10	33.2	42.3	37.7+4.53	80.6	78.3	79.5+1.14
15	57.9	72.9	65.4+6.50	85.7	86.3	86.0+0.30
20	82.2	84.9	83.6+1.35	89.5	94.7	92.1+2.60
30	96.0	94.1	95.1+0.97	93.0	96.6	94.8+1.79
45	97.5	96.0	96.7+0.78	95.2	99.3	97.3+2.01
60	98.6	97.0	97.8+0.79	97.5	100.7	99.1+1.61

Table 32. Amount of Prednisolone Dissolved from Tablets Containing 1:3 Prednisolone:SLS Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	9.6	13.5	11.5+1.93	9.1	8.8	8.9+0.17
3	13.1	17.3	15.2+2.12	14.2	15.1	14.7+0.49
5	19.1	21.6	20.3+1.26	19.7	20.3	20.0+0.30
7	22.6	27.1	24.9+2.26	24.1	24.3	24.2+0.13
10	27.4	31.1	29.3+1.82	28.1	30.4	29.2+1.18
15	34.8	38.8	36.8+1.97	44.1	52.0	48.1+3.99
20	41.5	50.6	46.0+4.56	69.4	83.6	76.5+7.09
30	78.3	85.4	81.9+3.59	89.2	97.4	93.3+4.12
45	97.5	98.6	98.0+0.56	95.5	99.7	97.6+2.09
60	99.4	100.5	99.9+0.55	97.8	100.8	99.3+1.50

Table 33. Amount of Prednisolone Dissolved from Tablets Containing 1:5 Prednisolone:SLS Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average±S.D.	1	2	average±S.D.
1	14.0	9.1	11.5±2.44	11.7	7.5	9.6±2.09
3	18.2	18.3	18.3±0.03	18.9	13.9	16.4±2.53
5	25.0	21.8	23.4±1.61	28.7	22.0	25.3±3.39
7	31.5	27.8	29.6±1.82	35.7	28.9	32.3±3.42
10	38.0	35.2	36.6±1.40	44.5	38.4	41.4±3.04
15	47.4	45.1	46.2±1.18	59.2	48.0	53.6±5.58
20	55.7	52.6	53.3±2.45	80.3	67.7	74.0±6.26
30	76.5	71.3	73.9±2.58	100.3	95.6	98.0±2.36
45	101.6	99.8	100.7±0.89	100.2	102.1	101.1±0.97
60	103.1	100.9	102.0±1.10	100.8	101.5	101.2±0.35

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Table 34. Amount of Prednisolone Dissolved from Tablets Containing 1:(1+4) Prednisolone:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	7.9	7.6	7.8+0.18	3.8	3.7	3.8+0.02
3	13.5	13.1	13.3+0.17	5.1	5.0	5.1+0.04
5	21.5	19.6	20.6+0.98	7.7	7.9	7.8+0.09
7	27.2	24.8	26.0+1.19	11.1	13.1	12.1+0.96
10	38.4	35.6	37.0+1.38	16.3	16.1	16.2+0.11
15	57.6	59.1	58.3+0.78	27.9	26.3	27.1+0.81
20	68.2	72.0	70.1+1.88	43.0	42.3	42.6+0.31
30	81.1	84.9	83.0+1.94	66.6	74.0	70.3+3.69
45	89.4	91.3	90.4+0.93	87.6	96.8	92.2+4.63
60	92.5	93.5	93.0+0.53	99.1	109.9	104.5+5.44

Table 35. Amount of Prednisolone Dissolved from Tablets Containing 1:(2+3) Prednisolone:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	25.4	17.5	21.5+3.92	18.5	20.3	19.4+0.93
3	53.9	39.4	46.7+7.22	33.8	47.6	40.7+6.92
5	76.2	64.5	70.3+5.83	53.4	68.8	61.1+7.71
7	83.5	76.1	79.8+3.73	72.4	81.0	76.7+4.28
10	86.9	82.8	84.8+2.08	88.3	90.8	89.5+1.22
15	89.5	87.4	88.4+1.04	100.2	96.6	98.4+1.81
20	90.8	89.2	90.0+0.83	105.5	100.8	103.1+2.33
30	92.2	90.5	91.4+0.84	109.1	104.9	107.0+2.13
45	92.8	91.5	92.1+0.64	109.4	107.6	108.5+0.89
60	92.9	92.0	92.5+0.45	111.0	110.0	110.5+0.48

Table 36. Amount of Prednisolone Dissolved from Tablets Containing 1:(3+2) Prednisolone:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	21.5	25.9	23.7+2.18	36.2	18.8	27.5+8.68
3	66.9	65.8	66.4+0.54	66.0	62.8	64.4+1.57
5	74.0	77.0	75.5+1.51	78.1	79.0	78.5+0.47
7	82.5	82.9	82.7+0.16	84.4	86.1	85.2+0.87
10	85.5	86.7	86.1+0.59	90.3	93.3	91.8+1.49
15	88.1	88.9	88.5+0.39	98.5	99.3	98.9+0.45
20	89.9	90.7	90.3+0.39	101.6	102.5	102.0+0.44
30	91.6	92.4	92.0+0.40	106.0	106.9	106.5+0.43
45	93.0	93.8	93.4+0.41	108.8	109.2	109.1+0.23
60	94.4	94.0	94.2+0.22	110.0	110.8	110.4+0.44

Table 37. Amount of Prednisolone Dissolved from Tablets Containing 1:(4+1) Prednisolone:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	13.7	11.1	12.4+1.29	7.9	20.1	14.0+6.10
3	56.6	41.3	49.0+7.63	38.9	52.2	45.6+6.65
5	74.6	65.3	70.0+4.69	60.7	66.6	63.6+2.99
7	82.1	75.9	79.0+3.11	72.2	76.2	74.2+2.00
10	86.3	82.9	84.6+1.71	82.2	86.6	84.4+2.25
15	90.6	88.3	89.4+1.13	88.5	92.2	90.3+1.87
20	91.9	90.5	91.2+0.72	94.8	98.7	96.8+1.93
30	92.9	92.3	92.6+0.32	100.0	101.0	100.5+0.48
45	93.9	93.7	93.8+0.11	103.6	103.7	103.7+0.07
60	94.5	93.8	94.1+0.32	104.3	105.2	104.7+0.49

Table 38. Amount of Prednisolone Dissolved from Tablets Containing 1:(1+4) Prednisolone:(dextrose+SLS) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	8.7	13.6	11.1+2.44	9.6	12.4	11.0+1.41
3	14.6	15.3	15.0+0.39	13.5	17.7	15.6+2.11
5	18.5	21.7	20.1+1.61	17.0	22.6	19.8+2.81
7	24.0	27.7	25.8+1.82	23.8	28.4	26.1+2.29
10	30.1	33.3	31.7+1.61	30.4	35.1	32.7+2.39
15	39.1	44.3	41.7+2.62	40.3	44.5	42.4+2.11
20	50.5	61.6	56.1+5.55	54.5	68.5	61.5+7.00
30	85.5	95.6	90.5+5.02	89.7	97.9	93.8+4.09
45	95.1	97.5	96.3+1.19	100.7	101.5	101.1+0.41
60	96.2	96.4	96.3+0.12	100.4	101.4	100.9+0.47

Table 39. Amount of Prednisolone Dissolved from Tablets Containing 1:(2+3) Prednisolone:(dextrose+SLS) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	10.9	10.0	10.5+0.44	6.2	5.0	5.6+0.63
3	12.7	11.8	12.2+0.45	10.9	10.0	10.4+0.44
5	18.3	17.8	18.0+0.25	16.8	16.7	16.7+0.05
7	25.2	22.2	23.7+1.52	24.8	23.1	24.0+0.89
10	30.1	29.1	29.6+0.51	32.2	28.7	30.4+1.74
15	43.4	36.5	39.9+3.46	42.1	43.0	42.6+0.49
20	79.1	67.4	73.2+5.86	78.2	80.3	79.2+1.05
30	95.0	95.2	95.1+0.11	94.8	95.2	95.0+0.22
45	99.4	97.9	98.7+0.74	98.3	96.6	97.5+0.84
60	97.5	98.2	97.8+0.32	99.0	97.3	98.1+0.85

Table 40. Amount of Prednisolone Dissolved from Tablets Containing 1:(3+2) Prednisolone:(dextrose+SLS) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	7.4	2.1	4.8+2.68	11.2	6.7	8.9+2.27
3	8.3	6.3	7.3+1.04	17.5	12.1	14.8+2.70
5	12.6	12.2	12.4+0.20	31.0	19.8	25.4+5.62
7	17.6	18.1	17.9+0.24	43.4	39.5	41.4+1.92
10	26.5	26.7	26.6+0.08	69.9	55.8	62.8+7.09
15	76.7	74.8	75.7+0.96	94.7	83.4	89.0+5.67
20	92.0	93.1	92.5+0.55	99.1	89.3	94.2+4.90
30	97.5	96.2	96.9+0.67	100.6	92.7	96.6+3.91
45	97.3	96.0	96.7+0.68	100.4	95.0	97.7+2.70
60	98.8	96.2	97.5+1.32	100.6	95.2	97.9+2.73

Table 41. Amount of Prednisolone Dissolved from Tablets Containing 1:(4+1) Prednisolone:(dextrose+SLS) Physical Mixture and Coprecipitate in Distilled Water

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	4.3	3.0	3.7+0.65	4.2	3.4	4.0+0.21
3	6.1	6.9	6.5+0.43	7.6	8.5	8.0+0.45
5	13.9	16.9	15.4+1.52	17.3	27.5	22.4+5.13
7	23.1	29.2	26.1+3.05	35.0	40.9	37.9+2.95
10	38.4	38.1	38.3+0.13	59.2	65.3	62.3+3.08
15	59.0	48.0	53.5+5.51	73.2	77.4	75.3+2.13
20	69.1	60.1	64.6+4.48	78.6	83.3	80.9+2.38
30	81.5	75.0	78.2+3.23	84.4	88.4	86.4+2.01
45	88.3	85.7	87.0+1.32	89.9	90.2	90.1+0.15
60	90.6	88.3	89.5+1.12	90.9	91.2	91.0+0.15

Table 42. Amount of Indomethacin Dissolved from Indomethacin Control Tablets in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	% dissolved		
	1	2	average+S.D.
1	8.8	5.0	6.9+1.88
3	14.2	9.9	12.0+2.14
5	19.2	14.5	16.9+2.38
7	22.8	21.4	22.1+0.71
10	27.5	22.2	24.9+2.68
15	33.5	28.7	31.1+2.38
20	37.9	33.7	35.8+2.13
30	45.0	43.4	44.2+0.82
45	59.6	56.2	57.9+1.72
60	71.7	68.6	70.2+1.55



Tablet 43. Amount of Indomethacin Dissolved from Tablets Containing 1:1 Indomethacin:Dextrose Physical Mixture and Coprecipitate in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	7.1	14.4	10.8+3.64	15.3	14.2	14.7+0.54
3	24.4	30.8	27.6+3.20	33.0	35.1	34.1+1.04
5	34.2	39.2	36.7+2.50	45.2	49.0	47.1+1.94
7	42.5	46.4	44.4+1.93	52.6	56.0	54.3+1.73
10	50.4	53.6	52.0+1.63	59.8	63.9	61.9+2.02
15	59.9	60.8	60.3+0.47	70.0	72.5	71.3+1.25
20	67.3	67.3	67.3+0.00	78.6	79.5	79.1+0.45
30	76.5	74.4	75.4+1.04	86.5	86.8	86.6+0.15
45	83.3	81.1	82.2+1.10	91.7	91.8	91.7+0.04
60	87.0	85.6	86.3+0.74	93.9	93.2	93.5+0.33

Table 46. Amount of Indomethacin Dissolved from Tablets Containing 1:(0.2+0.8) Indomethacin:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	6.1	7.2	6.7±0.56	3.5	7.7	5.6±2.11
3	16.6	21.1	18.9±2.27	9.9	15.3	12.6±2.71
5	27.3	34.8	31.1±3.86	15.3	21.8	18.5±3.26
7	38.4	40.8	39.6±1.21	19.8	27.9	23.9±4.03
10	46.7	49.7	48.2±1.49	29.1	37.4	33.3±4.15
15	55.4	58.7	57.0±1.62	52.7	62.4	57.6±4.86
20	63.4	65.2	64.3±0.90	72.3	75.1	73.7±1.44
30	71.7	73.4	72.5±0.82	88.7	88.9	88.8±0.08
45	79.3	81.2	80.3±0.95	96.0	94.0	95.0±1.02
60	83.9	86.1	85.0±1.10	98.0	96.2	97.1±0.90

Table 47. Amount of Indomethacin Dissolved from Tablets Containing 1:(0.4+0.6) Indomethacin:(dextrose+PEG 4000) Physical Mixture and Coprecipitate in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	3.6	10.8	7.2±3.64	8.3	7.6	7.9±0.39
3	15.2	21.7	18.4±3.26	22.2	17.6	19.9±2.34
5	29.5	31.4	30.4±0.95	34.7	26.2	30.5±4.26
7	38.3	40.1	39.2±0.89	45.5	36.3	40.9±4.60
10	46.8	48.7	47.8±0.97	62.0	51.8	56.9±5.14
15	54.6	55.9	55.2±0.70	82.2	78.5	80.4±1.88
20	61.1	62.9	62.0±0.92	89.4	88.5	88.9±0.44
30	71.2	72.0	71.6±0.43	93.5	95.0	94.3±0.78
45	78.9	80.3	79.6±0.72	95.4	97.4	96.4±1.01
60	84.1	85.2	84.6±0.59	96.0	98.4	97.2±1.17

Table 50. Amount of Indomethacin Dissolved from Tablets Containing 1:(0.2+0.8) Indomethacin:(dextrose+SLS) Physical Mixture and Coprecipitate in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	2.3	2.0	2.2+0.14	8.1	9.1	8.6+0.52
3	5.1	4.2	4.6+0.42	17.7	19.2	18.5+0.73
5	8.3	7.6	7.9+0.36	28.6	25.0	26.8+1.79
7	11.8	11.3	11.6+0.28	36.5	31.8	34.1+2.36
10	17.6	15.2	16.4+1.21	47.5	41.0	44.2+3.24
15	22.8	22.2	22.5+0.35	76.5	61.2	68.8+7.65
20	30.5	30.9	30.7+0.24	94.6	88.5	91.5+3.08
30	60.4	63.5	62.0+1.54	99.7	100.7	100.2+0.49
45	84.0	81.0	82.5+1.51	99.7	101.9	100.8+1.08
60	88.3	86.4	87.4+0.94	100.0	101.5	100.7+0.74

Table 51. Amount of Indomethacin Dissolved from Tablets Containing 1:(0.4+0.6) Indomethacin:(dextrose+SLS) Physical Mixture and Coprecipitate in 4:1 Distilled Water:pH 7.2 Phosphate Buffer Solution

Time (min.)	Physical Mixture			Coprecipitate		
	% dissolved			% dissolved		
	1	2	average+S.D.	1	2	average+S.D.
1	1.0	1.7	1.4+0.36	10.7	9.7	10.2+0.52
3	3.3	4.1	3.7+0.38	21.2	20.0	20.6+0.62
5	6.5	7.6	7.0+0.54	29.5	28.0	28.8+0.73
7	10.2	11.4	10.8+0.64	38.3	35.6	37.0+1.35
10	14.9	16.3	15.6+0.74	54.9	51.2	53.1+1.85
15	21.8	25.5	23.6+1.86	87.1	86.9	87.0+0.13
20	35.1	42.2	38.7+3.59	93.1	93.3	93.2+0.11
30	65.3	71.0	68.2+2.89	93.4	94.4	93.4+0.03
45	82.0	84.1	83.0+1.04	94.2	94.4	94.3+0.12
60	88.4	88.8	88.6+0.21	94.8	95.3	95.1+0.26

VITA

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