	SVM_R of the OSC transformed data PREDICTION S	Samples ID	Samples Brand Name	Mean of 10 Spectra/cap sule	Total Pill Mass	Actual PREDICTED Doxycycline content in the Pill
0	277.0184629	16k 0000250	caredoxy			
1	277.0196538	16k 0000250	caredoxy	1		
2	277.0197072	16k 0000250	caredoxy	1		
3	277.0183973	16k_0000250	caredoxy	1		
4	277.0184004	16k_0000250	caredoxy	1		
5	277.0185544	16k_0000250	caredoxy	1		
6	277.0183855	16k_0000250	caredoxy	1		
7	277.0184326	16k_0000250	caredoxy	1		
8	277.0183954	16k_0000250	caredoxy			
9	277.0184775	16k_0000250	caredoxy	277	700	0.39571429
10	277.0183797	16k_0000251	caredoxy	ļ		
11		16k_0000251	caredoxy			
	277.0183797	16k_0000251	caredoxy			
13	277.0183797	16k_0000251	caredoxy			
14	277.0183799	16k_0000251	caredoxy			
15		16k_0000251	caredoxy			
	277.0183827	16k_0000251	caredoxy	l		
17	277.0183835	16k_0000251	caredoxy	l		
	277.0183802	16k_0000251	caredoxy			
19		16k_0000251	caredoxy	277	700	0.39571429
20	277.0183797	16k_0000253	caredoxy	J		

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21	277.0183799	16k_0000253	caredoxy]		
22	277.0183813	16k_0000253	caredoxy]		
23	277.0183836	16k_0000253	caredoxy			
24	277.0183838	16k_0000253	caredoxy]		
25	277.0183954	16k_0000253	caredoxy			
26	277.0183814	16k_0000253	caredoxy			
27	277.0183835	16k_0000253	caredoxy			
28	277.0183798	16k_0000253	caredoxy			
29	277.0183849	16k_0000253	caredoxy			
30	277.0183809	16k_0000253	caredoxy	277	700	0.39571429
31	277.0311092	16k_0000259	caredoxy			
32	277.0377734	16k_0000259	caredoxy]		
33	277.0284808	16k_0000259	caredoxy]		
34	277.0669999	16k_0000259	caredoxy			
35	277.0201155	16k_0000259	caredoxy			
36	277.0247876	16k_0000259	caredoxy			
37	277.0322173	16k_0000259	caredoxy			
38	277.0259134	16k_0000259	caredoxy			
39	277.029446	16k_0000259	caredoxy	277	700	0.39571429
40	277.0184103	16k_0000264	caredoxy			
41	277.01842	16k_0000264	caredoxy]		
42	277.0183842	16k_0000264	caredoxy]		
43	277.0183868	16k_0000264	caredoxy]		
44	277.0184914	16k_0000264	caredoxy]		
45	277.0183808	16k_0000264	caredoxy]		
46	277.0188213	16k_0000264	caredoxy]		
47	277.0184348	16k_0000264	caredoxy			
48	277.0185292	16k_0000264	caredoxy			
49	277.0183995	16k_0000264	caredoxy	277	700	0.39571429
50	464.8938763	19k_0000133	caredoxy			
51	437.0762472	19k_0000133	caredoxy]		
52	438.6728295	19k_0000133	caredoxy]		

53 430.9793169 19k_0000133 caredoxy							
55 363.6164705 19k_0000133 caredoxy 56 347.8605856 19k_0000133 caredoxy 57 383.4448585 19k_0000133 caredoxy 58 381.2507199 19k_0000133 caredoxy 59 463.4087278 19k_0000135 caredoxy 60 426.8090763 19k_0000135 caredoxy 61 315.7258227 19k_0000135 caredoxy 62 330.263851 19k_0000135 caredoxy 63 374.2375728 19k_0000135 caredoxy 64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000139c Doxyzim 73 391.3848181 19k_0000	53	430.9793169	19k_0000133	caredoxy			
Section	54	419.0059424	19k_0000133	caredoxy			
57 383.4448585 19k_0000133 caredoxy 58 381.2507199 19k_0000133 caredoxy 59 463.4087278 19k_0000135 caredoxy 60 426.8090763 19k_0000135 caredoxy 61 315.7258227 19k_0000135 caredoxy 62 330.263851 19k_0000135 caredoxy 63 374.2375728 19k_0000135 caredoxy 64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 76 385.2888829 19k_00	55	363.6164705	19k_0000133	caredoxy			
58 381.2507199 19k_0000133 caredoxy 59 463.4087278 19k_0000133 caredoxy 60 426.8090763 19k_0000135 caredoxy 61 315.7258227 19k_0000135 caredoxy 62 330.263851 19k_0000135 caredoxy 63 374.2375728 19k_0000135 caredoxy 64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 69 413.7451205 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000139cg Doxyzim 72 387.3296796 19k_0000139cg Doxyzim 74 391.804888 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 77 382.674364 19k_00	56	347.8605856	19k_0000133	caredoxy			
S9 463.4087278 19k_0000133 caredoxy 37 30 30.59	57	383.4448585	19k_0000133	caredoxy			
60 426.8090763	58	381.2507199	19k_0000133	caredoxy			
61 315.7258227	59	463.4087278	19k_0000133	caredoxy	413	700	0.59
62 330.263851 19k_0000135 caredoxy 63 374.2375728 19k_0000135 caredoxy 64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 69 413.7451205 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 2000139bw Doxyzim 86 410.0064108 19k_0000139bw Doxyzim	60	426.8090763	19k_0000135	caredoxy			
63 374.2375728 19k 0000135 caredoxy 64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 69 413.7451205 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000135 caredoxy 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.288829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 343.6457898 19k_0000139bw Doxyzim 86 341.0064108 19k_0000139bw Doxyzim	61	315.7258227	19k_0000135	caredoxy			
64 316.930781 19k_0000135 caredoxy 65 346.7096702 19k_0000135 caredoxy 66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000135 caredoxy 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 343.6457898 19k_0000139bw Doxyzim 86 343.6457898 19k_0000139bw Doxyzim 87 393.3940858 19k_0000139bw Doxyzim 88 4417.0664108 19k_0000139bw Doxyzim	62	330.263851	19k_0000135	caredoxy			
65 346.7096702	63	374.2375728	19k_0000135	caredoxy			
66 354.9802247 19k_0000135 caredoxy 67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.288829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139bw Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 305.28888 19k_0000139bw Doxyzim 86 343.6457898 19k_0000139bw Doxyzim 87 390.000139bw Doxyzim 88 4417.0664108 19k_0000139bw Doxyzim	64	316.930781	19k_0000135	caredoxy			
67 312.2213885 19k_0000135 caredoxy 68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.288829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 393.394085 19k_0000139bw Doxyzim 86 343.6457898 19k_0000139bw Doxyzim 87 375.0043640 19k_0000139bw Doxyzim 88 4417.0664108 19k_0000139bw Doxyzim	65	346.7096702	19k_0000135	caredoxy			
68 395.0517664 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000135 caredoxy 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim 85 Doxyzim 86 Doxyzim 87 Doxyzim 88 Doxyzim 89 Doxyzim 90 Doxyzim 91 Doxyzim 92 Doxyzim 93 Doxyzim 94 Doxyzim 95 Doxyzim 96 Doxyzim 97 Doxyzim 98 Doxyzim 99 Doxyzim 90 Doxyzim 90 Doxyzim 90 Doxyzim 90 Doxyzim 90 Doxyzim 90 Doxyzim	66	354.9802247	19k_0000135	caredoxy			
69 413.7451205 19k_0000135 caredoxy 70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000139cg Doxyzim 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	67	312.2213885	19k_0000135	caredoxy			
70 425.1639625 19k_0000135 caredoxy 71 426.5154443 19k_0000139cg Doxyzim 72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.288829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	68	395.0517664	19k_0000135	caredoxy			
71 426.5154443	69	413.7451205	19k_0000135	caredoxy			
72 387.3296796 19k_0000139cg Doxyzim 73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	70	425.1639625	19k_0000135	caredoxy			
73 391.3848181 19k_0000139cg Doxyzim 74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	71	426.5154443	19k_0000135	caredoxy	369	700	0.52714286
74 391.8014686 19k_0000139cg Doxyzim 75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	72	387.3296796	19k_0000139cg	Doxyzim			
75 388.3684211 19k_0000139cg Doxyzim 76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	73	391.3848181	19k_0000139cg	Doxyzim			
76 385.2888829 19k_0000139cg Doxyzim 77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	74	391.8014686	19k_0000139cg	Doxyzim			
77 382.674364 19k_0000139cg Doxyzim 78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	75	388.3684211	19k_0000139cg	Doxyzim			
78 393.3940858 19k_0000139cg Doxyzim 79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	76	385.2888829	19k_0000139cg	Doxyzim			
79 375.0043669 19k_0000139cg Doxyzim 80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 388 700 0.55428571 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	77	382.674364	19k_0000139cg	Doxyzim			
80 388.9737139 19k_0000139cg Doxyzim 81 397.1969496 19k_0000139cg Doxyzim 388 700 0.55428571 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	78	393.3940858	19k_0000139cg	Doxyzim			
81 397.1969496 19k_0000139cg Doxyzim 388 700 0.55428571 82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	79	075 0040660	101, 000012000	Dayurina			
82 441.5489144 19k_0000139bw Doxyzim 83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim		375.0043669	19K_0000139Cg	Doxyzim			
83 433.6457898 19k_0000139bw Doxyzim 84 417.0664108 19k_0000139bw Doxyzim	80			· ·			
84 417.0664108 19k_0000139bw Doxyzim		388.9737139	19k_0000139cg	Doxyzim	388	700	0.55428571
	81	388.9737139 397.1969496	19k_0000139cg 19k_0000139cg	Doxyzim Doxyzim	388	700	0.55428571
85 428.2417853 19k_0000139bw Doxyzim	81 82	388.9737139 397.1969496 441.5489144	19k_0000139cg 19k_0000139cg 19k_0000139bw	Doxyzim Doxyzim Doxyzim	388	700	0.55428571
	81 82 83	388.9737139 397.1969496 441.5489144 433.6457898	19k_0000139cg 19k_0000139cg 19k_0000139bw 19k_0000139bw	Doxyzim Doxyzim Doxyzim Doxyzim	388	700	0.55428571

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86	429.412063	19k_0000139bw	Doxyzim			
87	434.8817199	19k_0000139bw	Doxyzim			
88	437.1017648	19k_0000139bw	Doxyzim			
89	437.6515766	19k_0000139bw	Doxyzim			
90	429.2003873	19k_0000139bw	Doxyzim			
91	431.4221381	19k_0000139bw	Doxyzim	432	700	0.61714286
92	446.4102469	19k_0000147	Doxycyclin			
93	399.1239124	19k_0000147	Doxycyclin			
94	423.1399166	19k_0000147	Doxycyclin			
95	416.0386014	19k_0000147	Doxycyclin			
96	410.8066177	19k_0000147	Doxycyclin			
97	412.9888684	19k_0000147	Doxycyclin			
98	430.1095909	19k_0000147	Doxycyclin			
99	419.112564	19k_0000147	Doxycyclin			
100	441.1426443	19k_0000147	Doxycyclin			
101	422.6883663	19k_0000147	Doxycyclin			
102	430.3035749	19k_0000147	Doxycyclin			
103	438.7633445	19k_0000147	Doxycyclin	424	700	0.60571429
104	371.1551726	21L-0001	DoxyNext			
105	286.8099676	21L-0001	DoxyNext			
106	345.2137384	21L-0001	DoxyNext			
107	332.5442658	21L-0001	DoxyNext			
108	317.7375069	21L-0001	DoxyNext			
109	355.329908	21L-0001	DoxyNext			
		041 0004	Daniel Marit			
110	288.3965685	21L-0001	DoxyNext			
110 111		21L-0001 21L-0001	DoxyNext	<u> </u>		
	300.2730158		•	-		
111	300.2730158 347.4336441	21L-0001	DoxyNext	324	700	0.46285714
111 112	300.2730158 347.4336441 299.8197867	21L-0001 21L-0001	DoxyNext DoxyNext	324	700	0.46285714
111 112 113	300.2730158 347.4336441 299.8197867 292.1984021	21L-0001 21L-0001 21L-0001	DoxyNext DoxyNext DoxyNext	324	700	0.46285714
111 112 113 114	300.2730158 347.4336441 299.8197867 292.1984021 292.1194257	21L-0001 21L-0001 21L-0001 21L-0008	DoxyNext DoxyNext DoxyNext DoxyNext	324	700	0.46285714
111 112 113 114 115	300.2730158 347.4336441 299.8197867 292.1984021 292.1194257 359.1156957	21L-0001 21L-0001 21L-0001 21L-0008 21L-0008	DoxyNext DoxyNext DoxyNext DoxyNext DoxyNext DoxyNext	324	700	0.46285714

119	288.4736966	21L-0008	DoxyNext	7		
120	327.6537768	21L-0008	DoxyNext			
121	317.394051	21L-0008	DoxyNext			
122	341.3829017	21L-0008	DoxyNext			
123	300.4157695	21L-0008	DoxyNext	313	700	0.44714286
124	300.9257402	19K-0576	EDOXY			
125	299.8674496	19K-0576	EDOXY	1		
126	298.5298451	19K-0576	EDOXY	1		
127	287.6182172	19K-0576	EDOXY			
128	299.4977517	19K-0576	EDOXY			
129	300.7957049	19K-0576	EDOXY			
130	300.9760578	19K-0576	EDOXY			
131	298.2397775	19K-0576	EDOXY			
132	300.5303071	19K-0576	EDOXY			
133	297.1977766	19K-0576	EDOXY	298	700	0.42571429
134	288.3863054	19K-0570	DOXYCYCLI			
135	284.6924135	19K-0570	DOXYCYCLI			
136	278.3588073	19K-0570	DOXYCYCLI			
137	289.8133237	19K-0570	DOXYCYCLI			
138	281.671617	19K-0570	DOXYCYCLI			
139	281.0243062	19K-0570	DOXYCYCLI			
140	280.7279912	19K-0570	DOXYCYCLI			
141	277.4894909	19K-0570	DOXYCYCLI			
142	277.7955734	19K-0570	DOXYCYCLI			
143	282.0561129	19K-0570	DOXYCYCLI	282	700	0.40285714
144	452.9240972	19K-0551	caredoxy			
145	403.2648527	19K-0551	caredoxy			
146	428.4781896	19K-0551	caredoxy			
147	440.3185212	19K-0551	caredoxy			
148	427.9120509	19K-0551	caredoxy			
149	430.576697	19K-0551	caredoxy			
150	400.7610855	19K-0551	caredoxy			
151	356.2020185	19K-0551	caredoxy			

152	445.2939884	19K-0551	caredoxy			
153	339.1044545	19K-0551	caredoxy	412	700	0.58857143
154	293.3566869	17m-0055	N/A		, 00	0.0007110
155	295.8294372	17m-0055	N/A			
156	293.4752182	17m-0055	N/A			
157	296.1284746	17m-0055	N/A			
158	280.8495289	17m-0055	N/A			
159	296.0051153	17m-0055	N/A			
160	292.9849813	17m-0055	N/A			
161	293.4760013	17m-0055	N/A			
162	308.9230633	17m-0055	N/A			
163	311.593482	17m-0055	N/A	296	700	0.42285714
164	391.989414	17m-0049	N/A			
165	287.2001088	17m-0049	N/A			
166	357.4210478	17m-0049	N/A			
167	417.6331158	17m-0049	N/A			
168	392.4858869	17m-0049	N/A			
169	422.6654841	17m-0049	N/A			
170	385.1208108	17m-0049	N/A			
171	390.6986363	17m-0049	N/A			
172	411.4528145	17m-0049	N/A			
173	389.6158587	17m-0049	N/A	384	700	0.54857143
174	449.5532433	17m-0047	N/A			
175	300.6018272	17m-0047	N/A	 		
176	390.5499366	17m-0047	N/A	 		
177	326.679902	17m-0047	N/A	 		
178	322.7473747	17m-0047	N/A	 		
179	360.4256011	17m-0047	N/A	 		
180	464.5420438	17m-0047	N/A			
181	391.2541691	17m-0047	N/A	 		
182	342.1272806	17m-0047	N/A			
183	407.6783723	17m-0047	N/A	375	700	0.53571429
184	474.8558321	16-1075	microdox	Ī		

_	_	_			
			microdox	16-1075	279.1986537
			microdox	16-1075	352.9562531
			microdox	16-1075	435.5506633
i			microdox	16-1075	469.3267643
			microdox	16-1075	333.4523161
i			microdox	16-1075	371.842946
i			microdox	16-1075	352.3716267
i			microdox	16-1075	345.0714355
			microdox	16-1075	456.352034
0.54	700	378	microdox	16-1075	293.0053037
			caredoxy	16-1073	277.018913
			caredoxy	16-1073	277.0190969
			caredoxy	16-1073	277.02005
i			caredoxy	16-1073	277.0207094
			caredoxy	16-1073	277.0189634
			caredoxy	16-1073	277.0191087
i			caredoxy	16-1073	277.0208994
			caredoxy	16-1073	277.0305584
			caredoxy	16-1073	277.0290401
0.39571429	700	277	caredoxy	16-1073	277.0197211
			microdox	16-0789	363.700768
			microdox	16-0789	399.1612924
			microdox	16-0789	399.9488315
			microdox	16-0789	443.3391942
i			microdox	16-0789	388.5450379
			microdox	16-0789	363.0982807
			microdox	16-0789	394.1833276
i			microdox	16-0789	464.7952227
			microdox	16-0789	363.2087258
0.55857143	700	391	microdox	16-0789	337.6008507
			asdoxin	16-0787	468.685727
			asdoxin	16-0787	371.9486406
4			asdoxin	16-0787	392.9617947

218 432.954922 16-0787 asdoxin 219 460.1963996 16-0787 asdoxin 220 461.6820539 16-0787 asdoxin 221 282.1212773 16-0787 asdoxin 222 435.5065998 16-0787 asdoxin	
220 461.6820539 16-0787 asdoxin 221 282.1212773 16-0787 asdoxin	
221 282.1212773 16-0787 asdoxin	
222 435.5065998 16-0787 asdoxin	
223 438.421178 16-0787 asdoxin	
224 473.14991 16-0787 asdoxin 421 700 (0.60142857
225 386.7121758 16-0786 microdox	
226 329.0312962 16-0786 microdox	
227 484.7390925 16-0786 microdox	
228 419.3915943 16-0786 microdox	
229 374.1188677 16-0786 microdox	
230 388.9046521 16-0786 microdox	
231 387.341378 16-0786 microdox	
232 421.2184309 16-0786 microdox	
233 394.8145391 16-0786 microdox	
234 394.1570996 16-0786 microdox 398 700 (0.56857143
235 277.0184259 16-0777 caredoxy	
236 277.0197677 16-0777 caredoxy	
237 277.0206549 16-0777 caredoxy	
238 277.0184244 16-0777 caredoxy	
239 277.0188549 16-0777 caredoxy	
240 277.018535 16-0777 caredoxy	
241 277.0191609 16-0777 caredoxy	
242 277.0186053 16-0777 caredoxy	
243 277.0189494 16-0777 caredoxy	
244 277.0198735 16-0777 caredoxy 277 700 (0.39571429
245 341.5920219 16-0776 doxycycline	
246 327.7447251 16-0776 doxycycline	
247 345.3275496 16-0776 doxycycline	
248 314.3579998 16-0776 doxycycline	
249 315.2808039 16-0776 doxycycline	
250 291.9650996 16-0776 doxycycline	

251	287.7330428	16-0776	doxycycline	7 I		I
252	309.0642477	16-0776	doxycycline	1 1		
253	299.7643697	16-0776	doxycycline			
254	348.5831603	16-0776	doxycycline			
255	277.0185147	16-0776	doxycycline	314	700	0.44857143
256	277.0183839	16-0680	N/A			
257	277.0183804	16-0680	N/A			
258	277.0183798	16-0680	N/A	1		
259	277.0184005	16-0680	N/A			
260	277.0183798	16-0680	N/A			
261	277.0183821	16-0680	N/A			
262	277.0183799	16-0680	N/A			
263	277.0183797	16-0680	N/A			
264	277.0184043	16-0680	N/A			
265	277.0183797	16-0680	N/A	277	700	0.39571429
266	277.0183797	16-0656	N/A			
267	277.0183802	16-0656	N/A			
268	277.0183818	16-0656	N/A			
269	277.0183798	16-0656	N/A			
270	277.0183798	16-0656	N/A			
271	277.0183808	16-0656	N/A			
272	277.0183798	16-0656	N/A			
273	277.0183797	16-0656	N/A			
274	277.0183809	16-0656	N/A			
275	277.0183799	16-0656	N/A	277	700	0.39571429
276	308.0825976	16-0619	alldox			
277	291.9810734	16-0619	alldox			
278	291.4499942	16-0619	alldox			
279	291.7964274	16-0619	alldox			
280	292.0591964	16-0619	alldox			
281	303.0164162	16-0619	alldox			
282	291.0759068	16-0619	alldox			
283	296.1586916	16-0619	alldox			

204	202 0547620	10.0010	11.1	1		1
284	292.9517628	16-0619	alldox			
285	293.169615	16-0619	alldox			
286	291.2328961	16-0619	alldox	294	700	0.42
287	284.3539277	16-0252	N/A			
288	380.3331179	16-0252	N/A			
289	284.4494592	16-0252	N/A			
290	325.0732948	16-0252	N/A			
291	293.3450594	16-0252	N/A			
292	296.8473684	16-0252	N/A			
293	344.1149911	16-0252	N/A			
294	377.0589682	16-0252	N/A			
295	410.3493955	16-0252	N/A			
296	295.9488795	16-0252	N/A	329	700	0.47

Models Development Data Summary

Actual doxycycline content		Actual Doxycycline content in the Pill
100	700	0.142857143
200	700	0.285714286
300	700	0.428571429
500	700	0.714285714

	Doxycycline		Expected Doxycycline	Lowest Mass			
	Total Pill	Doxycycline	content in	Doxycycline		Highest Mass	
Sample ID	Mass (mg)	Dosage form (mg)	the Pill	API	Lower Limit	Doxycycline API	Upper Limit
21L-0005	309.43	100	0.32317487	90	0.290857383	120	0.38780984
21L-0009	258.99	100	0.38611529	90	0.347503765	120	0.46333835
21L-0004	322.18	100	0.3103855	90	0.279346949	120	0.3724626
21L-0007	293.37	100	0.34086648	90	0.306779834	120	0.40903978
21L-0010	230.41	100	0.43400894	90	0.390608047	120	0.52081073
21L-0012	274.28	100	0.36459093	90	0.328131836	120	0.43750911
21L-0001	292.89	100	0.34142511	90	0.307282598	120	0.40971013
21L-0003	289.15	100	0.34584126	90	0.311257133	120	0.41500951
21L-0008	195.71	100	0.51096009	90	0.459864085	120	0.61315211
21L-0011	311.04	100	0.32150206	90	0.289351852	120	0.38580247
21L-0013	294.71	100	0.33931662	90	0.305384955	120	0.40717994

21L-0002	304.57	100	0.32833175	90	0.295498572	120	0.3939981
21L-0006	322.18	100	0.3103855	90	0.279346949	120	0.3724626

Total mass 3698.91

Mean 284.531538 Api Content 0.35145489

Api Content

RANGE 0.27934695 0.613152113