

## Phenylbutazone

No. Catu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	IntCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg		hr	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
1	9015036	1	phenylbutazone	Buffalo		Plasma	IV	5	—	30.79	—	—	—	—	—
2	9006034	1	phenylbutazone	Camel		Plasma	IV	4.4	251	12.51	0.077	0.174	—	0.1667	451
3	9006034	3	Phenylbutazone	Camel		Plasma	IV	4.4	251	—	—	—	—	—	2.26
4	9009953	1	phenylbutazone	Camel		Plasma	IV	0	—	22.1	—	0.162	—	5.85	—
5	9007207	1	phenylbutazone	Camel	7-May	Serum	IV	4.5	350	13.44	41	90.8(10)	95.9	81.683(10)	389.81
6	9007207	2	Phenylbutazone	Camel	7-May	Serum	IV	4.5	350	23.9	—	—	—	—	59.15
7	9007271	1	phenylbutazone	Cattle (?)	0.0027	Blood	IV	5	41	207.1	—	0.209	—	0.01180236	7265.07
8	9007271	2	phenylbutazone	Cattle (?)	0.0027	Blood	IV	5	41	167.68	—	0.197	—	0.01380276	6139.58
9	8004659	1	phenylbutazone	Cattle (?)	2	Plasma	IV	5	605	49.5	0.052	—	—	0.021	—
10	8005059	1	phenylbutazone	Cattle (D)		Plasma	IV	7.5	330	66.3	—	—	—	—	—
11	8005299	3	phenylbutazone	Cattle (?)		Plasma	IV	4.4	—	35.9	—	—	—	—	3001
12	9000927	1	phenylbutazone	Cattle (D)		Plasma	IV	4.4	—	35.8	—	—	—	—	3001
13	9002086	2	phenylbutazone	Cattle (D)	4	Plasma	IV	10	928.5	61.6	0.085	0.134	—	0.0015	7090
14	9003070	1	phenylbutazone	Cattle (D)	0.08	Plasma	IV	22	—	93.9	0.172	0.228	—	0.052	—
15	9003070	2	phenylbutazone	Cattle (D)	0.25	Plasma	IV	22	—	44.8	0.154	0.211	—	0.050	—
16	9003070	3	phenylbutazone	Cattle (D)	0.5	Plasma	IV	22	—	39	0.135	0.203	—	0.065	—
17	9004510	1	phenylbutazone	Cattle (V)		Plasma	IV	4.4	765	35.9	0.06	—	0.08	0.046	—
18	9004510	2	Phenylbutazone	Cattle (V)		Plasma	IV	4.4	765	—	—	—	—	—	—
19	9004510	3	Phenylbutazone	Cattle (V)		Plasma	IV	4.4	765	—	—	—	—	—	—
20	9007277	1	phenylbutazone	Cattle (?)		Plasma	IV	6	—	40.3	—	0.147	—	0.048343	2168.1
21	9007284	1	phenylbutazone	Cattle (M)		Plasma	IV	4.4	692	35.9	—	—	0.08	0.0481759	3001
22	9007310	1	phenylbutazone	Cattle (?)		Plasma	IV	0	—	—	—	—	—	—	—
23	9007311	1	phenylbutazone	Cattle (?)	0.333	Plasma	IV	4.4	—	53.4	—	—	—	—	2789
24	9008303	1	phenylbutazone	Cattle (M)		Plasma	IV	6	293	33.6	—	139.6(10)	—	0.053344	1976.3
25	9008402	1	phenylbutazone	Cattle (D)	0.374	Plasma	IV	4.4	91	53.4	0.07	0.09	—	21.5043	3604
26	8004670	1	phenylbutazone	Cattle (D)		Serum	IV	6	—	42.4	0.1	—	—	0.0003	—
27	8004670	2	phenylbutazone	Cattle (D)		Serum	IV	3	—	43.3	0.11	—	—	0.0003	—
28	9003008	5	phenylbutazone	Cattle (D)		Serum	IV	6	354	—	—	—	—	—	—
29	9000580	4	phenylbutazone	Dogs (100mg/kg)		Plasma	IV	50	10	8.1	—	—	—	—	—
30	9000580	5	phenylbutazone	Dogs		Plasma	IV	10	10	19	—	—	—	—	—
31	9000580	6	phenylbutazone	Dogs		Plasma	IV	10	10	2.8	—	—	—	—	—
32	9000580	7	Phenylbutazone	Dogs		Plasma	IV	10	10	5.75	—	—	—	—	—

No. Iatu	CitNum:	Genl	ActivelIngredient:	Species:	Age:	Matrix:	UteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg		hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
<del>33</del>	<del>9000580</del>	<del>8</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>10</del>	<del>10</del>	<del>8</del>					
<del>34</del>	<del>9000580</del>	<del>9</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>25</del>	<del>10</del>	<del>36</del>					
<del>35</del>	<del>9000580</del>	<del>10</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>5</del>	<del>10</del>	<del>13.5</del>					
<del>36</del>	<del>9000580</del>	<del>11</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>50</del>	<del>10</del>	<del>40.7</del>					
<del>37</del>	<del>9000580</del>	<del>12</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>10</del>	<del>10</del>	<del>93</del>					
<del>38</del>	<del>9000580</del>	<del>13</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>40</del>	<del>10</del>	<del>40</del>					
<del>39</del>	<del>9000580</del>	<del>14</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>10</del>	<del>10</del>	<del>1.75</del>					
<del>40</del>	<del>9000580</del>	<del>15</del>	<del>Phenylbutazone</del>	<del>Dogs</del>		<del>Plasma</del>	<del>IV</del>	<del>75</del>	<del>10</del>	<del>78</del>					
41	8004625	1	phenylbutazone	Donkeys	14-Jul	Plasma	IV	4.4		0.63					
42	8004625	2	Phenylbutazone	Donkeys	14-Jul	Plasma	IV	4.4		1.81				3.5703806	19.21
43	9015018	1	phenylbutazone	Donkeys		Serum	IV	4.4							
44	9015018	2	phenylbutazone	Donkeys		Serum	IV	4.4							
45	9015019	3	phenylbutazone	Donkeys		Serum	IV	4.4							
46	9015019	4	phenylbutazone	Donkeys		Serum	IV	4.4							
47	8004675	1	phenylbutazone	Goats		Plasma	IV	33		14.5					
48	8004675	2	phenylbutazone	Goats		Plasma	IV	33		19					
49	9005328	1	phenylbutazone	Goats	1	Plasma	IV	10		15.9	0.18	0.27	0.28	0.22	880
50	9005328	2	phenylbutazone	Goats	0.11	Plasma	IV	10		28.9	0.18	0.25	0.25	0.1	766
51	9005328	3	phenylbutazone	Goats	0.077	Plasma	IV	10		44.9	0.22	0.22	0.22	0.067	2916
52	9005328	4	phenylbutazone	Goats	0.027	Plasma	IV	10		64.3	0.31	0.31	0.31	0.067	2874
53	9005328	5	phenylbutazone	Goats	0.003	Plasma	IV	10		119.1	0.38	0.38	0.38	0.033	4559
54	9005328	6	Phenylbutazone	Goats	0.077	Plasma	IV	10							
55	9005328	7	Phenylbutazone	Goats	0.11	Plasma	IV	10							
56	9005328	8	Phenylbutazone	Goats		Plasma	IV	10							
57	9005328	9	Phenylbutazone	Goats		Plasma	IV	10							
58	9005328	10	Phenylbutazone	Goats	0.11	Plasma	IV	10							
59	9005328	11	Phenylbutazone	Goats	0.077	Plasma	IV	10							
60	9007736	1	phenylbutazone	Goats	5-Apr	Plasma	IV	4.4	45	15.3		0.056		0.0743482	1228.8
61	9007736	3	Phenylbutazone	Goats	5-Apr	Plasma	IV	4.4	45	21.7					19.4
62	9004694	1	phenylbutazone	Horses		Blood	IV	6.5	460	7					
63	9004694	6	Phenylbutazone	Horses		Blood	IV	9	198	4.5					
64	9004694	7	Phenylbutazone	Horses		Blood	IV	6.5	236	1					

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						yr			mk/kg		hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
65	✓	8004655	1	phenylbutazone	Horses		Plasma	IV	8.8	530	6.16			0.152	0.280	
66	✓	8004656	2	phenylbutazone	Horses		Plasma	IV	4.4		4	0.271		0.372		
67	✓	8004657	1	phenylbutazone	Horses		Plasma	IV	7.1	273						
68	✓	8004660	1	phenylbutazone	Horses	6	Plasma	IV	8.9	359	4.42	0.25			0.7	
69	✓	8004665	1	phenylbutazone	Horses		Plasma	IV	6.6	491	5.55		0.133		0.277	
70	✓	8004665	2	phenylbutazone	Horses		Plasma	IV	6.6	491	5.53		0.172		0.363	
71	✓	8004668	3	phenylbutazone	Horses	7	Plasma	IV	4.4	227.5	5.42				0.736	
72	✓	8004668	4	phenylbutazone	Horses	7	Plasma	IV	4.4	227.5	7.87				2.85	
73	✓	8004673	1	phenylbutazone	Horses	10.5	Plasma	IV	4.4		3.27	0.074	0.211	0.227	0.80046	
74	✓	8004673	2	phenylbutazone	Horses	10.5	Plasma	IV	8.8		3.29	0.00007	0.00007	0.00007	0.000024	
75	✓	8004673	3	phenylbutazone	Horses	10.5	Plasma	IV	8.8		4.26	0.193	0.374	0.386	1.05	
76	✓	8004673	5	phenylbutazone	Horses	10.5	Plasma	IV	17.6		6.08	0.135	0.285	0.202	0.555	
77	✓	8004677	1	phenylbutazone	Horses		Plasma	IV	6	590	6.2			0.24	0.46	
78	✓	8004677	4	phenylbutazone	Horses		Plasma	IV	6	590	10.2			0.24	0.27	
79	✓	8004679	2	phenylbutazone	Horses		Plasma	IV	6.6	470	7.62	0.097	0.14	0.143	0.216	
80	✓	8004679	3	phenylbutazone	Horses		Plasma	IV	6.6	470	3.44				0.528	
81	✓	8004679	5	phenylbutazone	Horses		Plasma	IV	6.6	470	6.7				0.316	
82	✓	8004679	6	phenylbutazone	Horses		Plasma	IV	6.6	470	14.69	0.186	0.296	0.474	0.372	
83	✓	8004679	7	phenylbutazone	Horses		Plasma	IV	6.6	470	6.76				0.207	
84	✓	8004679	8	phenylbutazone	Horses		Plasma	IV	6.6	470	5.82				0.327	
85	✓	8004679	9	phenylbutazone	Horses		Plasma	IV	6.6	470	6.33				0.313	
86	✓	8004682	1	phenylbutazone	Horses		Plasma	IV	7.1							
87	✓	8005285	2	phenylbutazone	Horses		Plasma	IV	7.1	320	9.7	0.097			0.230	520
88	✓	8005286	2	phenylbutazone	Horses	5.8	Plasma	IV	4.4	259	4.7			0.164	0.433	187
89	✓	8005286	3	phenylbutazone	Horses	3	Plasma	IV	4.4	220	3.87			0.179	0.55	138
90	✓	8005286	4	phenylbutazone	Horses	8.7	Plasma	IV	4.4	298	5.54			0.149	0.3166	236
91	✓	8005296	1	phenylbutazone	Horses		Plasma	IV	4.4	283	5.02	0.082	0.165	0.176	0.422	187.5
92	✓	8005296	2	phenylbutazone	Horses		Plasma	IV	4.4	283	4.71	0.079	0.155	0.164	0.435	187.2
93	✓	8005297	1	phenylbutazone	Horses	6-10	Plasma	IV	4.4		4.8					156
94	✓	8005297	2	phenylbutazone	Horses	6-10	Plasma	IV	4.4		5.6					12
95	✓	9000927	4	phenylbutazone	Horses		Plasma	IV	4.4		4.7					20
96	✓	9002066	11	phenylbutazone	Horses		Plasma	IV	3.3							

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Phenylbutazone

No.	latu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	ItreCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC	
						yr			mk/kg		hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml	
97	✓	9002092	25	phenylbutazone	Horses		Plasma	IV	add	450							
98	✓	9002092	26	phenylbutazone	Horses		Plasma	IV	add	450							
99	✓	9002092	54	phenylbutazone	Horses		Plasma	IV	add	450							
100	✓	9004475	1	phenylbutazone	Horses		Plasma	IV	add	270	4.5						
101	✓	9004475	2	phenylbutazone	Horses		Plasma	IV	6.6	151	2.5						
102	✓	9004475	3	phenylbutazone	Horses		Plasma	IV	6.6	252	4.9						
103	✓	9004495	1	phenylbutazone	Horses		Plasma	IV	6.6	462.5	7						
104	✓	9004495	2	phenylbutazone	Horses		Plasma	IV	6.6	462.5	7						
105	✓	9004760	1	phenylbutazone	Horses		Plasma	IV	6.6		7						
106	✓	9005046	1	phenylbutazone	Horses	4-12-386	Plasma	IV	4.4	420.5	5.1						
107	✓	9005310	1	phenylbutazone	Horses		Plasma	IV	7.83	497.5	7.1				0.20777	0.178	414.55
108	✓	9005310	4	Phenylbutazone	Horses		Plasma	IV	7.83	497.5	10.57				1.22	0.178	414.55
109	✓	9005310	5	Phenylbutazone	Horses		Plasma	IV	7.83	497.5	5.73				5.27	0.178	414.55
110	✓	9005310	6	Phenylbutazone	Horses		Plasma	IV	7.83	497.5	4.25				7.92	0.178	414.55
111	✓	9005346	1	Suxibuzone	Horses		Plasma	IV	6		8.35						
112	✓	9006041	1	phenylbutazone	Horses		Plasma	IV	8.8	452.5	4.98				0.28	0.28	0.6319597
113	✓	9006041	2	phenylbutazone	Horses		Plasma	IV	8.8	452.5	4.92				0.26	0.25	0.6214576
114	✓	9006041	3	phenylbutazone	Horses		Plasma	IV	8.8	452.5	5.38				0.23	0.23	0.5862839
115	✓	9006041	4	phenylbutazone	Horses		Plasma	IV	8.8	452.5	4.23				0.23	0.23	0.7131426
116	✓	9006041	5	phenylbutazone	Horses		Plasma	IV	4.4	452.5	4.21				0.17	0.18	0.486764
117	✓	9006041	6	phenylbutazone	Horses		Plasma	IV	4.4	452.5	4.13				0.25	0.25	0.7309795
118	✓	9006044	3	phenylbutazone	Horses		Plasma	IV	4.4		5.6				0.118	0.243	308
119	✓	9006044	4	phenylbutazone	Horses		Plasma	IV	4.4		5.5				0.111	0.237	321
120	✓	9006390	1	phenylbutazone	Horses		Plasma	IV	0								
121	✓	9006621	1	phenylbutazone	Horses		Plasma	IV	4.4	436	4.06				0.187	0.60	135.05
122	✓	9006621	2	phenylbutazone	Horses	12-Mar	Plasma	IV	4.4	436	6.18				0.17	0.339	243.23
123	✓	9009479	1	phenylbutazone	Horses		Plasma	IV	4	400	6.2	0.089	0.267		0.168471		
124	✓	9012622	1	phenylbutazone	Horses		Plasma	IV	2.2		22.1				0.274	0.30006	120
125	✓	9012622	2	Phenylbutazone	Horses	0-0014	Plasma	IV	2.2							125	
126	✓	9013542	3	phenylbutazone	Horses		Plasma	IV	2.2	383	6.11	0.09	0.18		0.49	78.36	
127	✓	9013542	4	phenylbutazone	Horses	13.5	Plasma	IV	2.2	383	4.36	0.09	0.17		0.5	76.61	
128	✓	9014985	3	phenylbutazone	Horses		Plasma	IV	8		7.42						

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						yr			mk/kg		hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
129	✓	9014985	4	phenylbutazone	Horses		Plasma	IV	8		7.43					
130	✓	9015015	1	phenylbutazone	Horses		Plasma	IV	4.2		6.7					
131	✓	9015015	2	phenylbutazone	Horses		Plasma	IV	5.8		6.6					
132	✓	8005300	1	phenylbutazone	Horses		Serum	IV	add							
133	✓	8005300	5	phenylbutazone	Horses		Serum	IV	add							
134	✓	8005300	6	Phenylbutazone	Horses		Serum	IV	add							
135	✓	8005300	7	Phenylbutazone	Horses		Serum	IV	add							
136	✓	9000998	2	phenylbutazone	Horses		Serum	IV	10	505	8.6	0.126	0.176		0.25	
137	✓	9012626	3	phenylbutazone	Horses		Serum	IV	4	450	5.68		0.219		0.528	
138	✓	9012626	4	phenylbutazone	Horses		Serum	IV	4	450	5.37		0.169		0.39	
139	✓	9015019	1	phenylbutazone	Horses		Serum	IV	4.4							
140	✓	9015019	2	phenylbutazone	Horses		Serum	IV	4.4							
141	✓	9007653	1	phenylbutazone	Llamas		Plasma	IV	5	79	2.03		0.155	0.190	1.113556	80.1
142	✓	8005273	1	phenylbutazone	Ponies		Plasma	IV	4.4	204	5.46			0.141	0.298	244.5
143	✓	8005273	2	Phenylbutazone	Ponies		Plasma	IV	4.4	204						35.2
144	✓	8005273	3	Phenylbutazone	Ponies		Plasma	IV	4.4							6.7
145	✓	9005431	3	phenylbutazone	Ponies		Plasma	IV	8.8	102	5.08	0.114	0.224	0.226	0.52	289.9
146	✓	9005431	4	phenylbutazone	Ponies		Plasma	IV	8.8	102	5.41	0.041	0.229	0.233	0.47	327.7
147	✓	9009083	1	phenylbutazone	Ponies		Plasma	IV	4.4	280	6.11	0.07		0.143	0.271721	275.0
148	✓	9009083	2	Phenylbutazone	Ponies		Plasma	IV	4.4	280						
149	✓	9004091	1	phenylbutazone	Rabbits		Plasma	IV	8	275	5.56			0.238	1.37	97.003144
150	✓	8004685	18	phenylbutazone	Rabbits		Serum	IV	20	25						
151	✓	8004685	19	phenylbutazone	Rabbits		Serum	IV	20	25						
152	✓	8004680	1	phenylbutazone	Rats		Plasma	IV	25	0.113	2.8				1.3	
153	✓	8004680	2	phenylbutazone	Rats		Plasma	IV	50	0.113	5.4				0.77	
154	✓	8004680	3	phenylbutazone	Rats		Plasma	IV	25	0.113	3.8				0.58	
155	✓	8004680	4	phenylbutazone	Rats		Plasma	IV	50	0.113	2.9				1.3	
156	✓	8004680	5	phenylbutazone	Rats		Plasma	IV	100	0.113	4.6				1.4	
157	✓	8004689	1	phenylbutazone	Rats		Plasma	IV	50			0.37			0.76	
158	✓	8004689	2	phenylbutazone	Rats		Plasma	IV	50			0.19			1.13	
159	✓	8004689	3	phenylbutazone	Rats		Plasma	IV	50			0.32			0.82	
160	✓	8004689	4	phenylbutazone	Rats		Plasma	IV	50			0.21			1.06	

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Phenylbutazone

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					yr			mk/kg		hr	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
161	9000765	1	phenylbutazone	Sheep		3 Plasma	IV	8	47.5	11.3		0.195	0.07	0.24	6.57
162	9007611	2	phenylbutazone	Sheep		1 Plasma	IV	4.4	45	17.92		0.0987		0.0760152	968.04
163	9007611	3	Phenylbutazone	Sheep		1 Plasma	IV	4.4	45						42.35
164	9009953	2	phenylbutazone	Sheep		Plasma	IV	0		25.4		0.105		3.30	
165	9012316	1	phenylbutazone	Sheep		Plasma	IV	8	76	20				0.071681	1960.23
166	9012316	2	Phenylbutazone	Sheep		Plasma	IV	8	76						79.37
167	8004672	2	phenylbutazone	Swine		Plasma	IV	40	57	4.95				0.47	
168	8004672	3	phenylbutazone	Swine		Plasma	IV	20	39.6	3.68				0.65	

No. / ratu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	PreCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mg/kg	kg	hr	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
1	9015687	4	tylosin	Bovine		Plasma	IV	10		10.9					
2	9015687	5	tylosin	Bovine		Plasma	IV	10		12.7					
3	9004527	1	Tylosin (Tartrate)	Camel		Plasma	IV	10	405	1.44		15.48779		205.3744	0.811489
4	9004527	2	Tylosin (Tartrate)	Camel		Plasma	IV	10	405	1.71		36.9534		36.9534	4.557504
5	9007440	1	Tylosin (Tartrate)	Camel		Serum	IV	10		0.92	6.61	1.93			0.65517
6	9007440	2	Tylosin (Tartrate)	Camel		Serum	IV	10		1.52	1.72	3.88			3.02
7	9008300	7	tylosin	Cattle (D)		Blood	IV	20		2.3		1.96			
8	9012338	1	Tylosin (Tartrate)	Cattle (Q)		Blood	IV	2.5	564	1.22		3.245		30.6447944	1.359924
9	9012338	3	tylosin	Cattle (Q)		Blood	IV	2.5	564	1.32		1.61		14.0996527	2.955736
10	9012338	5	Tylosin (Tartrate)	Cattle (Q)		Blood	IV	5	564	3.76		1.598		11.5173	7.235483
11	9012338	7	tylosin	Cattle (Q)		Blood	IV	5	564	2.42		2.43		11.6224907	7.171426
12	9012338	9	Tylosin (Tartrate)	Cattle (Q)		Blood	IV	7.5	564	2.05		2.298		14.2586845	8.768315
13	9012338	11	tylosin	Cattle (Q)		Blood	IV	7.5	564	1.43		0.13		1.0537107	11.8652877
14	9007690	1	tylosin	Cattle (Q)		Plasma	IV	10	622.5	2.81		0.88917		8.2198103	20.280350
15	9007690	2	tylosin	Cattle (Q)		Plasma	IV	10	622.5	2.68		0.92166		9.4878972	17.569879
16	9000195	2	tylosin	Cattle (D)		Serum	IV	12.5	585	1.51			1.1	7.8	20.987626
17	9000202	1	tylosin	Cattle (D)		Serum	IV	12.5		1.79		0.51201		8.5372071	24.407862
18	9000210	13	tylosin	Cattle (D)		Serum	IV	10	39.2	2.32	1.18		4.4	24.5	
19	9000210	14	tylosin	Cattle (D)		Serum	IV	10	40.8	1.26	0.81		3.59	31.6	
20	9000210	15	tylosin	Cattle (D)		Serum	IV	10	38.8	0.95	0.68		3.52	42.2	
21	9000210	16	tylosin	Cattle (D)		Serum	IV	10	46.6	1.53	0.89		5.68	37.0	
22	9000210	17	tylosin	Cattle (D)		Serum	IV	10	178.4	1.07	0.8		4.4	47.7	
23	9001216	3	tylosin	Cattle (D)		Serum	IV	10	55.9	0.73		0.9894		28.0	5.948329
24	9001216	4	tylosin	Cattle (D)		Serum	IV	10	55.9	1.04		1.19119		25.1	6.655926
25	9001216	9	tylosin	Cattle (D)		Serum	IV	10	55.9						
26	9005613	3	tylosin	Cattle (D)		Serum	IV	20	527.5	2.81		1.57		7.85	42.482856
27	9005454	21	tylosin	Cattle		Various	IV	4.6							
28	9010023	2	tylosin	Chickens		Plasma	IV	10	2.45	3.56		1.88384		18.8892611	8.823544
29	9015687	9	tylosin	Chickens		Plasma	IV	25		35					
30	9009515	1	Tylosin (Tartrate)	Chickens		Serum	IV	20		1.62			12.299	122.49116	1.13
31	9000211	1	tylosin	Dogs		Serum	IV	10	11.8	0.91	1.71			21.905	
32	9000211	3	tylosin	Dogs		Serum	IV	10	11.8	1.05	2.46			26.88	

No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	IteCo	Dose:		BW	HL	Vc	Vdss	VdArea	CLR	AUC
								mk/kg	kg							
33	9000211		4 tylosin	Dogs	yr	Serum	IV	10	11.8	1.23	2.52			23.223		
34	9013470		5 tylosin	Dogs		Serum	IV	2.5		9.05		2.56		38341	10.01	
35	9013470		6 tylosin	Dogs		Serum	IV	5		8.16		1.89		41675	22.1	
36	9008481		1 tylosin	Goats	1.249	Plasma	IV	15	13.5	4.24		2.6808		8.3038211	30.112442	
37	9005606		1 tylosin	Goats		Serum	IV	15	19	3.08		1.04919	1.7	44788956	65.3	
38	9012338		22 Tylosin (Tartrate)	Ponies		Blood	IV	2.5	257							
39	9012338		23 Tylosin (Tartrate)	Ponies		Blood	IV	5	257							
40	9012338		24 tylosin	Ponies		Blood	IV	2.5	257							
41	9012338		25 tylosin	Ponies		Blood	IV	5	257							
42	9005609		8 tylosin	Rats		Serum	IV	25	0.25	0.4		2.2		86		
43	9008300		8 tylosin	Sheep		Blood	IV	20		2.3		0.96				
44	9008481		2 tylosin	Sheep	0.916	Plasma	IV	15	18	4.71		2.34297		63459356	39.403673	
45	9008493		1 Tylosin	Swine		Plasma	IV	10	20	2.09		9.7	1.4	139082811	10.9367	
46	9009255		1 tylosin	Swine		Plasma	IV	10		6.38					5.2217	



No. katu	CiNum:	Genf	ActiveIngredient:	Species:	Age:	Matrix:	UseCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
1	9006186	1	Phenytoin	Cats		Blood	IV	0							
2	9006419	2	Phenytoin	Cats		Plasma	IV	0							
3	9000714	5	Phenytoin	Cats		Saliva	IV	0							
4	9006555	1	Phenytoin	Dogs		Plasma	IV	50		7.4					
5	9006555	2	Phenytoin	Dogs		Plasma	IV	50		2.1					
6	9006555	3	Phenytoin	Dogs		Plasma	IV	50		2.3					
7	9006579	2	Phenytoin	Dogs		Plasma	IV	0							
8	9006579	7	3	Dogs		Plasma	IV	0							
9	9006729	2	Phenytoin	Dogs		Plasma	IV	0							
10	9014797	2	Phenytoin	Dogs		Plasma	IV	12		4.9					
11	9004763	1	Phenytoin	Dogs		Serum	IV	11	13.5	3.87			1.45		43.1
12	9004763	2	Phenytoin	Dogs		Serum	IV	33	13.5	4.03			1.15		179.4
13	9004763	3	Phenytoin	Dogs		Serum	IV	44	13.5	4.58			1.01		289.6
14	9005192	3	Phenytoin	Dogs	1	Serum	IV	10	19	3.25					
15	9006195	1	Phenytoin	Dogs		Serum	IV	24.4	14.25						
16	9006195	3	Phenytoin	Dogs		Serum	IV	15		4.46					
17	9006195	4	Phenytoin	Dogs	0.082	Serum	IV	15		1.66					
18	9006195	5	Phenytoin	Dogs	0.013	Serum	IV	15							
19	9006195	6	Phenytoin	Dogs	0.046	Serum	IV	15		6.9					
20	9006195	9	Phenytoin	Dogs	0.013	Serum	IV	15		4.91					
21	9006195	12	Phenytoin	Dogs		Serum	IV	15	10.9	4.56					
22	9006195	20	Phenytoin	Dogs	0.046	Serum	IV	15							
23	9006195	21	Phenytoin	Dogs	0.082	Serum	IV	15							
24	9006195	23	Phenytoin	Dogs	0.038	Serum	IV	15							
25	9006437	2	Phenytoin	Dogs		Serum	IV	15	11.8	3					
26	9006438	1	Phenytoin	Dogs		Serum	IV	0							
27	9006438	2	Phenytoin	Dogs		Serum	IV	0							
28	9000757	1	Phenytoin	Horses		Serum	IV	8.8	45.7	8.18	0.643		1.46	1.98	
29	9000757	2	Phenytoin	Horses		Serum	IV	13.2	42.6	16.8	0.813		1.42	0.975	225.2
30	9000757	3	Phenytoin	Horses		Serum	IV	8.8	50.5	15.4	0.543		1.55	1.2	126
31	9004498	1	Phenytoin	Rabbits		Plasma	IV	add	3.15						
32	9005718	4	Phenytoin	Rabbits		Plasma	IV	20	3.7						

No. ratu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					Yr			ml/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
33	9006717	5	Phenytoin	Rabbits		Plasma	IV	10	2.3			0.62		3.28	54.48
34	9006717	6	Phenytoin	Rabbits		Plasma	IV	10	2.3			0.62		1.43	138.18
35	9007309	5	Phenytoin	Rabbits	0.33	Plasma	IV	10		0.97			0.72	10.76882	15.8
36	9007309	6	Phenytoin	Rabbits	0.33	Plasma	IV	10		1.89			0.95	6.23458	28.2
37	9012898	1	Phenytoin	Rabbits		Plasma	IV	30	1.5	21.83					60.22
38	9012898	2	Phenytoin	Rabbits		Plasma	IV	30	1.5	8.08					43.6
39	9005147	2	Phenytoin	Rabbits		Serum	IV	10	3	1.9			1.7	11	
40	9009910	2	Phenytoin	Rabbits		Serum	IV	0							
41	9000673	1	Phenytoin	Rats		Blood	IV	10	0.29	4.43					
42	9000673	2	Phenytoin	Rats		Blood	IV	1	0.29	1.53					
43	9000673	3	Phenytoin	Rats		Blood	IV	10	0.29	4.08					
44	9000710	1	Phenytoin	Rats		Blood	IV	10	0.305	0.46					
45	9000710	2	Phenytoin	Rats		Blood	IV	10	0.305	2.1					
46	9000784	1	Phenytoin	Rats		Blood	IV	10	0.345						
47	9000784	2	Phenytoin	Rats		Blood	IV	10	0.345						
48	9001270	1	Phenytoin	Rats		Blood	IV	10							
49	9001270	2	Phenytoin	Rats		Blood	IV	10							
50	9001270	3	Phenytoin	Rats		Blood	IV	1							
51	9001270	4	Phenytoin	Rats		Blood	IV	1							
52	9001270	5	Phenytoin	Rats		Blood	IV	10							
53	9001299	2	Phenytoin (5-p)	Rats		Blood	IV	1							
54	9001299	3	Phenytoin (5-p)	Rats		Blood	IV	10							
55	9001299	6	Phenytoin (5-p)	Rats		Blood	IV	1							
56	9001299	7	Phenytoin (5-p)	Rats		Blood	IV	10							
57	9006617	1	Phenytoin	Rats		Blood	IV	0							
58	9006676	1	Phenytoin	Rats		Blood	IV	0							
59	9000711	1	Phenytoin	Rats		Plasma	IV	73.5							
60	9001088	5	Phenytoin	Rats		Plasma	IV	10	0.235	0.57					
61	9001088	6	Phenytoin	Rats		Plasma	IV	10	0.235	1.42					
62	9001263	1	Phenytoin	Rats	0.22	Plasma	IV	add		2.3			0.69	3.43	
63	9001263	2	Phenytoin	Rats	0.22	Plasma	IV	add		2.62			0.76	3.26	
64	9004956	1	Phenytoin	Rats		Plasma	IV	10	0.322	0.64		0.68609		17.8148966	9.35733

Phenytoin

No.	Fatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	UteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
						yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
65	✓	9004956	2	Phenytoin	Rats		Plasma	IV	10	0.9	2.2		1.14918	0.527	6.447956	25.852988
66	✓	9004956	3	Phenytoin	Rats		Plasma	IV	10	0.34	1.5			1.424	12.9	
67	✓	9004956	4	Phenytoin	Rats		Plasma	IV	10	0.34	1.08			0.913	12.6	
68	✓	9004956	5	Phenytoin	Rats		Plasma	IV	10	0.457	0.97		1.12086		13.41034	12.430
69	✓	9004956	6	Phenytoin	Rats		Plasma	IV	10	0.457	2.74		1.08796		4.59075	36.312568
70	✓	9004956	7	Phenytoin-(5-p-	Rats		Plasma	IV	10	0.457						
71	✓	9004956	8	Phenytoin-(5-p-	Rats		Plasma	IV	10	0.457	6.38		1.54521		17.99343	5.954935
72	✓	9004956	9	Phenytoin-(polar	Rats		Plasma	IV	10	0.457						
73	✓	9004956	10	Phenytoin-(polar	Rats		Plasma	IV	10	0.457						
74	✓	9006081	1	Phenytoin	Rats		Plasma	IV	0							
75	✓	9006110	1	Phenytoin	Rats		Plasma	IV	0							
76	✓	9006127	1	Phenytoin	Rats		Plasma	IV	0							
77	✓	9006573	1	Phenytoin	Rats		Plasma	IV	0							
78	✓	9006582	1	Phenytoin	Rats		Plasma	IV	10		0.71				1.009	16.5
79	✓	9006582	2	Phenytoin	Rats		Plasma	IV	10		0.46				0.745	18.5
80	✓	9006582	3	Phenytoin	Rats		Plasma	IV	30		0.92				0.874	11.1
81	✓	9006582	4	Phenytoin	Rats		Plasma	IV	30		2.05				1.268	7.18
82	✓	9012993	1	Phenytoin	Rats		Plasma	IV	40							
83	✓	9014592	1	Phenytoin	Rats		Plasma	IV	10		0.55					
84	✓	9014592	2	Phenytoin	Rats		Plasma	IV	10		0.82					
85	✓	9014592	3	Phenytoin	Rats		Plasma	IV	30		0.88					
86	✓	9014592	4	Phenytoin	Rats		Plasma	IV	30		2.08					
87	✓	9007119	1	Phenytoin	Swine		Plasma	IV	0							



No. latu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	UteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
1	✓	9011366	1	levamisole	Chickens	0.42	Plasma	IV	40	5.7		8.36	2.45	21	16.417
2	✓	9011366	2	levamisole	Chickens	0.6153	Plasma	IV	40	5.72		13.6	3.01		12.417
3	✓	9004514	1	Levamisole	Dogs		Plasma	IV	10	1.79					0.129
4	✓	9012561	1	Levamisole	Dogs		Plasma	IV	19.5-	3			0.55	51 (ml/min)	165.867
5	✓	9012561	2	Levamisole	Dogs		Plasma	IV	19.5-	2.78		23.5	0.58	57 (ml/min)	140.767
6	✓	9000277	1	levamisole	Goats		Plasma	IV	5	3.81		1.66		6.59	12.64053
7	✓	9000764	1	levamisole	Goats		Plasma	IV	5			1.77378		6.8803758	
8	✓	9007307	1	Levamisole	Goats	0.5	Plasma	IV	7.5	1.32	1.56	2.75	7.54	66.85 (ml/min)	119.2
9	✓	9005090	1	levamisole	Rabbits		Plasma	IV	12.5	1.04	1.7	3.88	4.78	54.61	4.072
10	✓	9005090	2	levamisole	Rabbits		Plasma	IV	16	0.93	1.78	3.28	3.57	44.74	6.04
11	✓	9005090	3	levamisole	Rabbits		Plasma	IV	20	0.96	1.30	2.74	3.28	41.22	8.68
12	✓	9010100	1	levamisole	Rabbits		Plasma	IV	12.5	1.29	1.79	4.26	5.44	49.04	4.355
13	✓	9010100	2	levamisole	Rabbits		Plasma	IV	16	1.42	1.98	4.33	5.37	43.77	6.183
14	✓	9010100	3	levamisole	Rabbits		Plasma	IV	20	1.16	1.46	3.20	3.98	39.26	8.698
15	✓	9010100	4	levamisole	Rabbits		Plasma	IV	12.5	1.69	0.9064	4.38	7.16	48.14	4.452
16	✓	9010100	5	levamisole	Rabbits		Plasma	IV	16	2.5					6.492
17	✓	9010100	6	levamisole	Rabbits		Plasma	IV	20	2.5					8.548
18	✓	9010521	1	levamisole	Rats		Plasma	IV	0						
19	✓	9010192	1	levamisole	Sheep	0.5	Plasma	IV	5	1.54	1.05	2.034	2.572	19.3	4.355
20	✓	9010192	2	levamisole	Sheep	0.5	Plasma	IV	7.5	1.54	1.257	2.347	2.981	25.6	5.222
21	✓	9010192	3	levamisole	Sheep	0.5	Plasma	IV	10	1.75	1.090	2.001	2.492	16.9	10.208
22	✓	9000038	4	levamisole	Swine		Plasma	IV	5	8.52		4.6708		6.83	12.20264
23	✓	9000277	2	levamisole	Swine		Plasma	IV	5	5.17			2.5		
24	✓	9000764	2	levamisole	Swine		Plasma	IV	5						



## Quinidine

No.	Latu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
						yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
1	✓	9000642	5	quinidine	Cats		Plasma	IV	10	2.7	1.87			2.22	14.8	
2	✓	9004458	1	Quinidine	Cattle (D)		Plasma	IV	2	384	1.28		1.33	1.54	58.1	
3	✓	9004565	1	quinidine	Cattle (D)		Plasma	IV	5	650	2.25		3.27	3.8	19.0	
4	✓	9006267	2	Quinidine	Cattle (?)		Serum	IV	0							
5	✓	9000642	4	quinidine	Dogs		Plasma	IV	10	10	5.59			2.91	6.78	
6	✓	9010873	1	Quinidine	Dogs	1	Plasma	IV	1	13	4.02		1.34789		6.3564377	2.622545
7	✓	9013626	1	quinidine	Dogs		Plasma	IV	6.5	22.7	14.4	0.47	4.26		3.58	
8	✓	9005007	3	quinidine	Dogs		Serum	IV	6.5	21.1	15	0.44		4.27	3.46	
9	✓	9005007	4	quinidine	Dogs		Serum	IV	6.5	21.0	8.7	0.34		2.16	3.75	
10	✓	9000642	2	quinidine	Goats		Plasma	IV	10	2.2	0.85			4.89	66.85	
11	✓	9000642	1	quinidine	Horses		Plasma	IV	5	160	4.37		6.32		16.84	
12	✓	9012739	1	quinidine	Horses		Plasma	IV	5	400	6.65			3.10	5.49	
13	✓	9005021	1	quinidine	Mice		Blood	IV	11.3	0.031	0.33	2.00		3.75	131	1.44
14	✓	9004943	1	quinidine	Rabbits		Blood	IV	5.2	2.7	1.12		4.2		5.2	
15	✓	9004952	2	quinidine	Rabbits		Plasma	IV	5.2	2.15	1.12		5.37		6.13	
16	✓	9005108	1	quinidine	Rabbits		Plasma	IV	3.75		0.4					
17	✓	9004973	1	quinidine	Rabbits		Serum	IV	10	3	2.2			7.76	41.8	4.10
18	✓	9004973	4	quinidine	Rabbits		Serum	IV	10	3	1.55			8.95	56.8	3.01
19	✓	9001083	5	quinidine	Rats		Plasma	IV	25	0.235						
20	✓	9001083	6	quinidine	Rats		Plasma	IV	25	0.235						
21	✓	9001088	3	quinidine	Rats		Plasma	IV	25	0.235	5.6					
22	✓	9001088	4	quinidine	Rats		Plasma	IV	25	0.235	10.1					
23	✓	9005006	1	quinidine	Rats		Plasma	IV	30	0.25	0.92		6.0		75.6	
24	✓	9004890	1	quinidine	Rats		Serum	IV	25	0.280	1.65			9.73	66.1	6.1
25	✓	9004890	2	quinidine	Rats		Serum	IV	25	0.280	1.86			3.89	24.6	17.2
26	✓	9006702	1	quinidine	Rhesus		Plasma	IV	0							
27	✓	9000642	3	quinidine	Swine		Plasma	IV	10	11	5.42			1.25	2.67	





## Theophylline

No. / ratu	CitNum:	Genf	ActiveIngredient:	Species:	Age:	Matrix:	UreCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
1	9007786	1	theophylline	Camel		Plasma	IV	2	300	2.57	0.77		1.72	6.14	14.287
2	9007623	1	theophylline	Camel		Serum	IV	2.36	385	11.8	0.41		0.88	1.03854	38.5
3	9007623	2	theophylline	Camel		Serum	IV	4.72	385	2.66	0.51	0.76		0.8368	95.5
4	9001712	1	theophylline	Cats		Plasma	IV	8.5	3.88	8.8	0.2329		0.4592		229.8
5	9002043	1	theophylline	Cats		Plasma	IV	7.9	4.0	32.7	0.755	0.6983		1.105	136.11
6	9004032	1	theophylline	Cats		Plasma	IV	7.9	4		0.638			0.857	170
7	9004032	2	theophylline	Cats		Plasma	IV	7.9	4		0.755			1.11	128
8	9004289	6	Caffeine	Cattle		Plasma	IV	5							
9	9002040	1	theophylline	Cattle (M)		Plasma	IV	8.04	193.5	6.4	0.502	0.815		1.52	
10	9001711	1	theophylline	Dogs		Plasma	IV	9.4	17	6.25	0.67				100.8
11	9004371	2	theophylline	Dogs		Plasma	IV	5	12.15	4.02	0.734			2.11	
12	9004773	1	theophylline	Dogs		Plasma	IV	add	10.2	5	0.61	0.72		0.75	1.61
13	9006755	2	theophylline	Dogs	2.5	Plasma	IV	20	10	4.62				0.333	506.62
14	9006755	5	theophylline	Dogs	2.5	Plasma	IV	10	10	2.57				0.504	75.42
15	9006868	4	theophylline	Dogs		Plasma	IV	500		4.23					
16	9010259	2	Aminophylline	Dogs		Plasma	IV	0							
17	9011702	1	theophylline	Dogs	2	Plasma	IV	5	13	4.08	0.69			1.95039	42.66
18	9011702	2	theophylline	Dogs	2	Plasma	IV	5	13	4.51	0.731			1.86704	44.58
19	9011702	3	theophylline	Dogs	2	Plasma	IV	5	13	5.5	0.687			1.41695	58.79
20	9011702	4	theophylline	Dogs	2	Plasma	IV	5	13	4.48	0.838			2.20044	37.94
21	9011702	5	theophylline	Dogs	2	Plasma	IV	5	13	4.33	0.691			1.8337	45.61
22	9012099	1	theophylline	Dogs		Plasma	IV	5		4.2				2.01707	44.5
23	9012099	2	theophylline	Dogs		Plasma	IV	5		4.57				1.90038	45.4
24	9012099	3	theophylline	Dogs		Plasma	IV	5		5.7				1.48363	61.7
25	9012099	4	theophylline	Dogs		Plasma	IV	5		4.53				0.839	36.6
26	9012099	5	theophylline	Dogs		Plasma	IV	5		4.48				0.692	46.7
27	9014797	1	Aminophylline	Dogs		Plasma	IV	10		9.2					
28	9004968	1	theophylline	Goats		Plasma	IV	7.9	54.5	6.93	0.42	0.57		0.66	1.12
29	9004968	2	theophylline	Goats		Plasma	IV	7.9	54.5	6.93	0.38	0.55		0.65	1.08
30	9004968	3	theophylline	Goats		Plasma	IV	7.9	54.5	6.93	0.37	0.53		0.54	0.95
31	9007786	3	theophylline	Goats		Plasma	IV	2	20	1.87	0.84			1.44	8.94
32	9005669	1	Aminophylline	Goats	0.01	Serum	IV	30		23.17					

No.	Lotu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
						Yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
33	✓	9005096		5 theophylline	Horses		Blood	IV	6	440						
34	✓	9001187		2 theophylline	Horses		Plasma	IV	7.89	470	12.4	1.02			0.91	147.9
35	✓	9002092		19 theophylline	Horses		Plasma	IV	add	450						
36	✓	9002092		20 theophylline	Horses		Plasma	IV	add	450						
37	✓	9002092		45 theophylline	Horses		Plasma	IV	add	450						
38	✓	9004267		1 theophylline	Horses	5.8	Plasma	IV	9.94	497.25	9.68	0.5444	0.7873	0.8011	0.9535	
39	✓	9004446		1 theophylline	Horses		Plasma	IV	1	490	9.89	0.298	0.703	0.719	0.85	
40	✓	9004446		2 theophylline	Horses		Plasma	IV	1	490	9.7	0.30	0.674	0.712	0.86	
41	✓	9004446		3 theophylline	Horses		Plasma	IV	1	490	10.2	0.312	0.725	0.743	0.85	
42	✓	9004446		4 theophylline	Horses		Plasma	IV	1	310	9.74	0.262	0.671	0.687	0.82	
43	✓	9004551		1 theophylline	Horses	11	Plasma	IV	15		15.22	0.514		0.853	0.67	384.66
44	✓	9004551		2 theophylline	Horses	11	Plasma	IV	10		17.2	0.455		0.897	279.66	
45	✓	9004621		1 theophylline	Horses	1	Plasma	IV	5	161	12.9	2.4			2.2	38.6
46	✓	9004621		2 theophylline	Horses	4	Plasma	IV	5	325	14.5	1.4			1.1	70.2
47	✓	9004765		1 theophylline	Horses		Plasma	IV	3	440	14.8			1.02	0.86	62.9
48	✓	9005096		4 theophylline	Horses		Plasma	IV	6	440						
49	✓	9006427		1 theophylline	Horses		Plasma	IV	0							
50	✓	9001378		1 theophylline	Horses		Serum	IV	9.44	486	12.81					189.13
51	✓	9008644		1 theophylline	Mice		Plasma	IV	20		0.45					
52	✓	9005243		1 theophylline	Rabbits		Blood	IV	10	2.25	5.2					28.1
53	✓	9005254		1 theophylline	Rabbits		Plasma	IV	10	4.05	5.46		0.533	0.545	1.15	
54	✓	9007309		3 theophylline	Rabbits	0.33	Plasma	IV	5		3.38			0.34	1.248583	67.2
55	✓	9007309		4 theophylline	Rabbits	0.33	Plasma	IV	5		8.73			0.37	0.673468	127.3
56	✓	9008644		4 theophylline	Rabbits		Plasma	IV	50		2.6					
57	✓	9005072		1 theophylline	Rabbits		Serum	IV	15	1.845	4.2		0.53		1.57 (h/V <sub>max</sub> )	
58	✓	9005072		2 theophylline	Rabbits		Serum	IV	15	1.845	5.13		0.59		1.48 (h/V <sub>max</sub> )	
59	✓	9005144		7 theophylline	Rabbits		Serum	IV	15							
60	✓	9005144		8 theophylline	Rabbits		Serum	IV	15							
61	✓	9005144		9 theophylline	Rabbits		Serum	IV	0							
62	✓	9005096		2 theophylline	Rats		Blood	IV	20	0.4965						
63	✓	9006768		1 theophylline	Rats		Blood	IV	0							
64	✓	9001083		3 theophylline	Rats		Plasma	IV	15	0.235	2.19				2.7	

No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	IntCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
65	9001083	4	theophylline	Rats		Plasma	IV	15	0.235	2.33				2.83	
66	9004172	1	theophylline	Rats		Plasma	IV	20	0.275	3.4			0.97	3.32	
67	9004172	2	theophylline	Rats		Plasma	IV	20	0.275	4.8			0.98	2.28	
68	9004775	1	theophylline	Rats		Plasma	IV	15	0.245	9.3			0.74	1.13	
69	9004775	2	theophylline	Rats		Plasma	IV	15	0.245	2.6			0.68	3.07	
70	9004775	3	theophylline	Rats		Plasma	IV	15	0.245	2.2			0.49	2.58	
71	9004974	1	theophylline	Rats	0.17	Plasma	IV	10		7.27			0.71	1.23	
72	9004974	2	theophylline	Rats	0.17	Plasma	IV	10		7.55			0.49	0.76	
73	9004974	3	theophylline	Rats	1.17	Plasma	IV	10		7.71			0.48	0.73	
74	9004974	4	theophylline	Rats	1.17	Plasma	IV	10		6.1			0.61	1.19	
75	9004974	5	theophylline	Rats	1.67	Plasma	IV	10		9.2			0.57	0.72	
76	9004974	6	theophylline	Rats	1.67	Plasma	IV	10		8.43			0.57	0.78	
77	9005096	1	theophylline	Rats		Plasma	IV	20	0.4965						
78	9013904	1	theophylline	Rats		Plasma	IV	5	0.2						
79	9001210	1	theophylline	Rats		Serum	IV	10	0.137	3.1			0.57	2.03	
80	9001210	2	theophylline	Rats		Serum	IV	10	0.134	5.4			0.58	1.24	
81	9006349	1	theophylline	Rats		Serum	IV	0							
82	9001289	2	Caffeine	Sheep		Plasma	IV	5							
83	9004970	1	theophylline	Swine		Plasma	IV	add	95	11	0.610			0.63	96.6
84	9007450	4	Caffeine	Swine		Plasma	IV	0							
85	9009841	1	theophylline	Swine	0.01	Serum	IV	10	1.35	27.72			0.632	0.26672	
86	9009841	2	theophylline	Swine	0.01	Serum	IV	10		13.07			0.723	0.61679	
87	9009841	3	theophylline	Swine	0.06	Serum	IV	10		6.19			0.632	1.20024	
88	9012570	1	theophylline	Swine		Serum	IV	5.27	2.25	7.64			0.113	0.17329	480.8785



No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
1	8005053	1	xylazine	Cattle (?)		Plasma	IV	0.2	340	0.61			1944	42	
2	8005053	4	xylazine	Dogs		Plasma	IV	1.4	19	0.5			2.517	81	
3	8005053	2	xylazine	Horses		Plasma	IV	0.6	482.5	0.83			2.456	21	
4	9004126	1	xylazine	Horses		Plasma	IV	1.1	130	0.9	0.8		1.62	18.9	1.1
5	9004126	2	xylazine	Horses		Plasma	IV	1.1	130	0.96	0.84		1.62	18.9	1.1
6	9004126	3	xylazine	Horses		Plasma	IV	1.1	130	0.82	0.84		1.62	18.9	1.1
7	9015803	2	xylazine	Horses		Plasma	IV	0.6	—	0.77	—	—	—	—	—
8	9015803	1	xylazine	Horses and Mules		Plasma	IV	0.6	—	0.52	—	—	—	—	—
9	9006690	1	xylazine	Ponies		Plasma	IV	1.1	—	1.24	0.8389		1.6151	19.0	1.1052
10	8005053	3	xylazine	Sheep		Plasma	IV	1	53.5	0.39			2.740	83	
11	9007752	1	xylazine	Sheep		Plasma	IV	0.2	66.5	0.42		650		238.7462391	0.013965



No. latu	CitNum:	Genf	Activelngredient:	Species:	Age:	Matrix:	UteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
1	9008316	4	amoxicillin	Buffalo		Serum	IV	10	85	0.98		0.46		4.6926052	35.516172
2	9009894	1	amoxicillin	Buffalo		Serum	IV	10	76	2.05			0.989	5.68447	30.19
3	9009329	1	Amoxicillin	Cats		Plasma	IV	20	4.73	1.33		0.33		3.1673	113.92
4	9008009	4	Amoxicillin	Cattle (D)		Blood	IV	20	50	2					
5	9008013	1	amoxicillin	Cattle (?)		Blood	IV	10							
6	9006050	1	Amoxicillin	Cattle (?)		Plasma	IV	7		1.39		0.647		7.17	16.271008
7	9000154	1	amoxicillin	Cattle (D)		Serum	IV	22.7	45	2.1		0.00252		9.77874	139.281742
8	9000154	2	amoxicillin	Cattle (D)		Serum	IV	22.7	45	1.5		0.00964		6.102422	163.8673
9	9001340	1	Amoxicillin	Cattle (?)		Serum	IV	3.83	512	1.27	0.21	0.27		6	11.09
10	9001467	18	Amoxicillin	Cattle (D)		Serum	IV	22.7	44	1.6		0.32		3.52	107.75918
11	9001597	1	Amoxicillin	Cattle (D)	0.06	Serum	IV	23.3	43						
12	9001597	2	Amoxicillin	Cattle (D)		Serum	IV	23.3							
13	9001606	5	Amoxicillin	Cattle (D)		Serum	IV	9		0.96		0.480		11.3	132.52034
14	9005224	4	Amoxicillin	Cattle (?)		Serum	IV	10							
15	9007984	6	Amoxicillin	Cattle (D)	0.06	Serum	IV	22.7	46	2.5			0.27	2.14	2.14
16	9007984	11	Amoxicillin	Cattle (D)	0.06	Serum	IV	22.7	46	2.9				2.15	184
17	9008053	18	Amoxicillin	Cattle (D)		Serum	IV	8.86	537	1.38	0.259		0.493	12.1691	12.1691
18	9009350	1	amoxicillin	Cattle (b)		Serum	IV	20		1.29				4.3	82.217
19	9009350	2	amoxicillin	Cattle (D)		Serum	IV	20		1.46				4.5	55.367
20	9006928	1	Amoxicillin	Chickens	0.77	Plasma	IV	20	3.25	1.03		1.59	1.75	19.8373	16.75
21	9006929	1	Amoxicillin	Chickens		Plasma	IV	10	2	8.17		0.042	0.049	0.06668	2449.1
22	9007426	2	amoxicillin	Chickens		Plasma	IV	8		1.03			0.730	8.11829	
23	9011793	1	amoxicillin	Chickens	0.8	Plasma	IV	10	1.5	1.07	0.23	1.00	1.12	13.336	13.85
24	9013479	1	Amoxicillin	Chickens	0.12	Plasma	IV	10		1.28	1.44	0.98	0.21	13.0026	12.81
25	9013658	1	amoxicillin	Chickens		Plasma	IV	10		1.28	6.21	0.98	1.44	0.0130026	12.81
26	9013702	1	amoxicillin	Chinchillas		Blood	IV	40	0.4	0.4				15.003	
27	9013702	2	amoxicillin	Chinchillas		Blood	IV	40	0.4	0.27				15.8365	
28	9012719	1	amoxicillin	Chinchillas		Plasma	IV	40	0.4						
29	9006330	1	amoxicillin	Dogs		Plasma	IV	0							
30	9008486	2	Amoxicillin	Dogs		Plasma	IV	0							
31	9004063	6	Amoxicillin	Dogs	2	Serum	IV	15	14.5	1.18			0.449	4.5	56.45
32	9009439	2	Amoxicillin	Donkeys		Serum	IV	15	81				6.901	0.333	

No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr		mk/kg	kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
33	9000340	1	amoxicillin	Goats		Plasma	IV	20	40.5	1.2	0.08	0.17	0.19	1.82	185.5
34	9004921	1	amoxicillin	Goats		Plasma	IV	20	40.5	1.13		0.16	0.18	1.50	186.17
35	9005092	2	amoxicillin	Goats	1.5	Plasma	IV	10	55	1.12		0.470	0.553	11.44	14.9
36	9007764	1	Amoxicillin	Goats		Plasma	IV	20	38	1.07		0.16	0.19	2.004	163.18
37	9007764	2	Amoxicillin	Goats		Plasma	IV	20	38	1.12		0.16	0.18	1.8337	186.17
38	9007844	1	Amoxicillin	Goats	1.17	Plasma	IV	0	12	1.02	0.15	0.39	0.44	5.42	30.5455
39	9013435	3	amoxicillin	Goats		Plasma	IV	15		1.81				8.44 (ml/min)	31.31
40	9012012	1	Amoxicillin	Goats		1 Serum	IV	15	27	1.81	0.006	0.019		0.31	31.3
41	9009109	1	amoxicillin	Harbor Seals	0.25	Serum	IV	20	11.7	1.5		0.38	0.59	4.8343	69.9
42	9004031	3	amoxicillin	Horses		Plasma	IV	10	533	0.66			0.325	5.68	29.88
43	9004666	4	amoxicillin	Horses		Plasma	IV	10		1.43					
44	9005119	4	amoxicillin	Horses	7	Plasma	IV	10	625	1.43		0.106	0.556	4.55	37.0
45	9004137	1	amoxicillin	Horses	5	Serum	IV	15	494	1.42			0.490	3.99	63.7
46	9005229	1	Amoxicillin	Horses	0.02	Serum	IV	20	57.75	0.74	0.099	0.265	0.369	5.72	
47	9005259	1	Amoxicillin	Horses		Serum	IV	20		0.74					
48	9010374	1	amoxicillin	Horses		Serum	IV	40	400	0.84		0.433		7.42	42.61
49	9010374	2	amoxicillin	Horses		Serum	IV	40	400	1		0.454		6.78	45.51
50	9015304	1	Amoxicillin	Llamas		Plasma	IV	20						1.51	23.34
51	9000920	1	amoxicillin	Pigeons		Blood	IV	100		0.76				1.514	23.4
52	9003039	6	Amoxicillin	Pigeons		Blood	IV	100	0.467	0.75				1.514	23.4
53	9006901	1	Amoxicillin	Pigeons	0.5	Plasma	IV	20	0.467	1.22		0.99	1.77	16.8367	19.82
54	9007426	3	amoxicillin	Pigeons		Plasma	IV	8		1.22				0.719	6.73468
55	9009497	1	amoxicillin	Pigeons		Plasma	IV	150		1.08				0.916	
56	9008013	5	amoxicillin	Rabbits		Blood	IV	10							
57	9007380	1	amoxicillin	Rabbits		Plasma	IV	10	1.51	2.03				0.36	1.70034
58	9007380	2	amoxicillin	Rabbits		Plasma	IV	10		2.5				0.28	1.68367
59	9013700	1	amoxicillin	Rabbits	2-Jan	Plasma	IV	25	3.6					0.3	10.3
60	9013700	2	amoxicillin	Rabbits	2-Jan	Plasma	IV	50	3.6	1.31				0.2	8.9
61	9013700	3	amoxicillin	Rabbits	2-Jan	Plasma	IV	100	3.6	1.85				0.2	9.0
62	9008768	1	amoxicillin	Rats		Blood	IV	0							190.133
63	9012717	1	amoxicillin	Rats		Blood	IV	5	0.333			0.828		30.4	
64	9015478	1	amoxicillin	Rats		Blood	IV								



No.	Latu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
						yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	m/min*kg	ug*/h/ml
65	✓	9013772	1	amoxicillin	Rats		Plasma	IV	7.14	0.308	0.85		0.57		16.23	7.3833
66	✓	9010353	1	amoxicillin	Seabream, gilt-head		Serum	IV	40	0.14	8.06		0.049		0.0705141	9447.14
67	✓	9009109	2	amoxicillin	Seals, Elephant	0.24	Serum	IV	20	47.1	2.1		0.21	0.34	1.667	202.6
68	✓	9004921	3	amoxicillin	Sheep		Plasma	IV	20	38	1.43		0.16	0.18	1.50	231.36
69	✓	9005092	1	amoxicillin	Sheep	2	Plasma	IV	10	41	0.77		0.22	0.667	10.1	14.7
70	✓	9007844	3	Amoxicillin	Sheep	0.83	Plasma	IV	0	16	1.27	0.19	0.46	0.59	6.34	26.7245
71	✓	9011982	1	Amoxicillin	Sheep		Plasma	IV	10	38	0.38					21.83
72	✓	9013660	1	amoxicillin	Sheep	1.5	Plasma	IV	15	67	1.62	0.12	0.35	0.79	5.5011	44.82
73	✓	9012012	2	Amoxicillin	Sheep	4	Serum	IV	15	62	1.71	0.002	0.006		0.092	47.2
74	✓	9012013	1	Amoxicillin	Sheep		Serum	IV	15		1.92	0.93	0.39		5.6678	45.96
75	✓	9012055	1	amoxicillin	Sheep		Serum	IV	15		10.6	0.73	0.33		5.1677	50.61
76	✓	9013261	1	amoxicillin	Sheep		Serum	IV	15		1.18		0.125		3.4695211	72.0702
77	✓	9015039	1	Amoxicillin	Sheep		Serum	IV								
78	✓	9015061	1	Amoxicillin	Sheep		Serum	IV	15		1.48					
79	✓	9008013	3	amoxicillin	Swine		Blood	IV	10							
80	✓	9007163	1	amoxicillin	Swine		Plasma	IV	8.6	32	3.4		0.67		7.6682	19.5
81	✓	9007164	1	amoxicillin	Swine		Plasma	IV	8.6	29	2.5		0.52		6.668	21.6
82	✓	9007428	1	Amoxicillin	Swine		Plasma	IV	10	29	1.7		0.62		8.1683	
83	✓	9007551	1	Amoxicillin	Swine		Plasma	IV	8.6	40	1.8		0.55		6.1679	23.5
84	✓	9007551	4	Amoxicillin	Swine		Plasma	IV	8.6	40	3.6		0.63		8.6684	17.0
85	✓	9009254	1	amoxicillin	Swine		Plasma	IV	0							
86	✓	9009333	1	amoxicillin	Swine	0.19	Plasma	IV	15	25	2.67			0.715	4.536902	59.307
87	✓	9012016	1	Amoxicillin	Swine		Plasma	IV	15							
88	✓	9012233	1	amoxicillin	Swine		Plasma	IV	20	24.7	1.03		0.34		9.6686	35.00
89	✓	9012343	1	amoxicillin	Swine		Plasma	IV	15	25	1.37			0.81	3.9	68.07
90	✓	9012349	1	Amoxicillin	Swine		Plasma	IV	20	78	3.38		1.07	1.48	5.001	67.1
91	✓	9013228	1	amoxicillin	Swine		Plasma	IV	0	25						
92	✓	9013321	1	amoxicillin	Swine		Plasma	IV	20	32.4	1.94		0.42		13.0026	26.17
93	✓	9013321	3	Amoxicillin	Swine		Plasma	IV	20	32.4	1.85					8.22
94	✓	9013321	5	Amoxicillin	Swine		Plasma	IV	20	32.4	0.45					1.26
95	✓	9014230	1	Amoxicillin	Swine		Plasma	IV	15	17			0.61		13.8333	21.3
96	✓	9009530	1	amoxicillin	Swine	0.07	Serum	IV	15							

No. latu	CitiNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
97	9010170	1	amoxicillin	Swine		Serum	IV	45.5	22.2	1.1				202.6ml/min	108.3
98	9008013	7	amoxicillin	Turkeys		Blood	IV	30							
99	9006928	5	Amoxicillin	Turkeys	1	Plasma	IV	20	14.57	1.12		1.52	1.61	16.67	19.97
100	9007426	1	amoxicillin	Turkeys		Plasma	IV	8		1.12			0.665	6.73468	
101	9013479	6	Amoxicillin	Turkeys	0.12	Plasma	IV	10		1.28	0.21	0.70	1.45	13.0026	12.72
102	9014199	1	amoxicillin	Turkeys		Plasma	IV	10	2.5	1.28	0.21	0.70		13.0026	12.72

No. ratu	CitiNum:	Genl	Activelngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr		ml/kg	kg	hr	I/kg	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
1	9000692	1	meperidine	Cats		Plasma	IV	22		0.7					
2	9004025	1	meperidine	Dogs	1.5	Plasma	IV	2	31	1.26	0.55		3.16	28.96	1.19
3	9004025	2	meperidine	Dogs	2.5	Plasma	IV	2	17	0.43	0.18	1.47	1.65	43.8	0.75
4	9004025	3	meperidine	Dogs	2.5	Plasma	IV	2	20	0.76	0.24	2.75	3.02	44.86	0.743
5	9014122	1	meperidine	Dogs		Plasma	IV	5	26.9	0.83		15.4(0)		334(ml/min)	
6	9014123	1	meperidine	Dogs		Plasma	IV	1.4	18.5	1			4.56	75.2	
7	9014123	2	meperidine	Dogs		Plasma	IV	1.4	18.5	0.92			5.54	75.4	
8	9014123	3	meperidine	Dogs		Plasma	IV	1.4	18.5	0.74			5.18	84.4	
9	9010848	1	meperidine	Dogs		Serum	IV	0							
10	9004629	7	meperidine	Goats		Plasma	IV	5	17.5	0.82	5.0849			74.7	
11	9004629	8	meperidine	Goats		Plasma	IV	5	17.5	0.63	5.212			94.1	
12	9005306	3	meperidine	Goats	2	Plasma	IV	5	20				5.212	96	2.03617
13	9005306	4	meperidine	Goats	2	Plasma	IV	5	20				5.085	75	2.0093
14	9005306	5	meperidine	Goats	2	Plasma	IV	5	20						
15	9005306	8	meperidine	Goats	2	Plasma	IV	5	20						
16	9005306	11	meperidine	Goats	2	Plasma	IV	5	20						
17	9007597	2	meperidine	Goats	2.5	Plasma	IV	5	20						
18	9002031	21	meperidine	Rats		Blood	IV	0							
19	9001544	1	meperidine	Rats		Plasma	IV	10	0.2	1.07			23.5	253	
20	9001544	2	Meperidine	Rats		Plasma	IV	10	0.2	5.02					
21	9004794	3	meperidine	Rats		Plasma	IV	7.5	0.325						
22	9004794	4	meperidine	Rats		Plasma	IV	7.5	0.325						
23	9000534	1	meperidine	Sheep		Blood	IV	2.5	126.5	0.26		2.59		177	0.235166
24	9007208	1	meperidine	Sheep		Blood	IV	0							
25	9007363	1	meperidine	Sheep		Blood	IV	0							
26	9005195	1	meperidine	Sheep		Plasma	IV	2.5		0.47					
27	9012890	1	meperidine	Sheep		Plasma	IV	2.5		0.34					
28	9012890	2	meperidine	Sheep		Plasma	IV	2.5		0.37					
29	9012890	3	Meperidine	Sheep		Plasma	IV	2.5							
30	9012890	4	Meperidine	Sheep		Plasma	IV	2.5		0.72					
31	9012890	5	Meperidine	Sheep		Plasma	IV	2.5		1.32					
32	9007617	1	meperidine	Swine	0.15	Plasma	IV	5	244	1.09			3.3	36.1	0.139

8-2-2

No. Iatu	CitNum:	GenI	ActiveIngredient:	Species:	Age:	Matrix:	IntCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
1	8005104	22	ticarcillin	Cattle (?)		Serum	IV	8.7	512.5	1.08	0.19	0.28		5.32	
2	8005104	23	ticarcillin	Cattle (?)		Serum	IV	26.0	512.5	2.02	0.12	0.19		2.92	
3	9001107	2	ticarcillin	Dogs		Serum	IV	40	184	0.8				4.87	
4	9006733	1	ticarcillin	Dogs		Serum	IV	50	1523	1.25		0.33		57219109	223.9430
5	9001105	1	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.89			0.23	3	
6	9001105	2	ticarcillin	Horses	473	Plasma	IV	44	473	0.9			0.22	2.83	
7	9001105	3	ticarcillin	Horses	9.75	Plasma	IV	44	473	152.5			0.27	2.83	
8	9001105	4	ticarcillin	Horses	9.75	Plasma	IV	44	473	1.21			0.21	2	
9	9001105	5	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.95			0.24	2.83	
10	9001105	6	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.99			0.26	3	
11	9001105	7	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.97			0.24	2.83	
12	9001105	8	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.94			0.25	2.84	
13	9001105	9	ticarcillin	Horses	9.75	Plasma	IV	44	473	1.13			0.24	2.34	
14	9001105	10	ticarcillin	Horses	9.75	Plasma	IV	44	473	0.74			0.29	4.84	
15	9001105	12	ticarcillin	Horses	9.75	Plasma	IV	44	473	1.15			0.25	2.5	
16	9001246	1	Ticarcillin	Horses		Plasma	IV	30							
17	9004121	5	ticarcillin	Horses	0.01	Plasma	IV	50	53	1.61			0.690	0.724	5.15
18	9004121	6	ticarcillin	Horses	0.08	Plasma	IV	50	95.9	0.97			0.459	0.527	6.17
19	9004016	4	ticarcillin	Horses		Serum	IV	50	452.5	1			0.26	2.83	296.5
20	9004301	1	ticarcillin	Horses	0.17	Serum	IV	50		0.83			0.24	3.33	2.52
21	9004301	2	ticarcillin	Horses	0.17	Serum	IV	100		0.96			0.29	3.33	452
22	9000199	1	ticarcillin	Humans	56.5	Blood	IV	10		1.1					
23	9000199	2	ticarcillin	Humans	56.5	Blood	IV	5							
24	9006252	1	ticarcillin	Rabbits		Plasma	IV	100		0.38					
25	9004325	17	Ticarcillin	Rabbits		Serum	IV	150	225	0.38			0.12	7	362.40
26	9004325	1	Ticarcillin	Rats		Serum	IV	300	0.275	0.22			0.25	13	363.43
27	9011857	4	ticarcillin	Rats		Serum	IV	75							
28	9004325	14	Ticarcillin	Rats		Spleen	IV	300	0.275						
29	9005024	1	ticarcillin	Sheep		Serum	IV	40	39	0.9	0.355	0.457		10.24	



Flunixin

No.	Statu	CitNum:	Genf	ActiveIngredient:	Species:	Age:	Matrix:	PreCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
						Yr			mk/kg	kg	hr	I/kg	I/kg	I/kg	mL/min*kg	ug*h/ml
1	✓	9015807	1	Flunixin (M)	Avian		Plasma	IV	5							
2	✓	9015807	2	Flunixin (M)	Avian		Plasma	IV	5							
3	✓	9014714	1	Flunixin (M)	Bovine (D)		Plasma	IV			3.3					
4	✓	9014714	2	Flunixin (M)	Bovine (D)		Plasma	IV			3.26					
5	✓	9014714	3	Flunixin (M)	Bovine (B)		Plasma	IV			5.8					
6	✓	9014714	4	Flunixin (M)	Bovine (D)		Plasma	IV			3.13					
7	✓	9015663	1	flunixin	Bovine (B)		Plasma	IV	2.2							
8	✓	9015663	3	flunixin	Bovine (B)		Plasma	IV	2.2							
9	✓	9005550	1	Flunixin (M)	Camel	4	Plasma	IV	1.1	342	2.51	0.052	0.168	0.223	1.012	18.82
10	✓	9007550	1	flunixin	Camel	9	Serum	IV	1.1	475	3.76	0.096	0.321	0.489	1482963	12.53
11	✓	9007550	2	flunixin	Camel	9	Serum	IV	2.2	475	4.08	0.098	0.3488	0.497	1.364602	26.10
12	✓	9007550	3	flunixin	Camel	9	Serum	IV	2.2	475						
13	✓	9004625	1	flunixin	Cats		Plasma	IV	1	2.75	1.19					6.51
14	✓	9005242	2	Flunixin (M)	Cats		Plasma	IV	1	2.73	1.39		0.2114		2.137594	6.848
15	✓	9010375	1	Flunixin (M)	Cats		Plasma	IV	2	3.1	6.63			0.75	1.391945	27.2
16	✓	9010375	2	Flunixin (M)	Cats		Plasma	IV	2	3.1	1.02			0.199	2.2	18.7
17	✓	9010375	3	Flunixin (M)	Cats		Plasma	IV	2	3.1	10.1			0.643	0.726812	47.7
18	✓	8005162	1	Flunixin (Meg)	Cattle (D)		Plasma	IV	1.1	426	8.12	0.070	0.50	1.05	1.5	12.165
19	✓	9000561	1	Flunixin (Meg)	Cattle (D)		Plasma	IV	2.2	119	6.87	0.03		2.11	3.33	11.81
20	✓	9000919	1	flunixin	Cattle (D)		Plasma	IV	2.2		4					
21	✓	9001161	1	flunixin	Cattle (D)		Plasma	IV	2.2		6.1	0.179		2.29	4.38421	8.5
22	✓	9003060	2	Flunixin (M)	Cattle (D)		Plasma	IV	2.2	515	54.89					11.54
23	✓	9003060	7	Flunixin (M)	Cattle (D)		Plasma	IV	2.2	217.5	106.67					13.425
24	✓	9003098	1	Flunixin (M)	Cattle (D)		Plasma	IV	1.1		3.14	0.075	0.397		2.51	
25	✓	9005490	1	Flunixin (Meg)	Cattle (D)		Plasma	IV	2.2	462	3.8	0.075	0.419	0.789	2.37	15.5
26	✓	9005490	2	Flunixin (Meg)	Cattle (D)		Plasma	IV	2.2	462	4.3	0.076	0.297	0.764	2.03	18.
27	✓	9005615	2	flunixin	Cattle (D)		Plasma	IV	2.2	484.5	5.2		0.782		1.916	20
28	✓	9007409	1	flunixin	Cattle (D)		Plasma	IV	2	118.9	6.87			2.11	3.334	11.81
29	✓	9008403	7	Flunixin (M)	Cattle (D)		Plasma	IV	2.2		7.92		0.54		1.88	19.5486
30	✓	9008403	8	Flunixin (M)	Cattle (D)		Plasma	IV	2.2		21.63		1.31		1.68	21.7668
31	✓	9009876	2	Flunixin (M)	Cattle (D)		Plasma	IV	1.1		3.68					
32	✓	9008646	10	flunixin	Chickens		Plasma	IV	1.1	2.2	5.52			0.043	0.15003	

No. latu	CiNum:	Genl	Activelngredient:	Species:	Age:	Matrix:	JrteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	m/min*kg	ug*/h/ml
33	9009256	1	flunixin	Chickens		Plasma	IV	1.1		5.5			0.043	0.15003	
34	9013552	1	Flunixin (M)	Chickens		Plasma	IV	2.2		5.98			0.01	0.5001	683.00
35	9013880	1	flunixin	Chickens		Plasma	IV	5				0.135			187.8
36	9015463	1	flunixin (M)	Chickens		Plasma	IV	5		3.08					
37	9015463	2	flunixin (M)	Chickens		Plasma	IV	5		3.14					
38	8005163	1	Flunixin (M)	Dogs		Plasma	IV	1.1	29	3.67	0.0788	0.181	0.348	1.06	18.04
39	9007408	1	flunixin	Dogs		Plasma	IV	0							
40	9013526	1	Flunixin (M)	Dogs		Plasma	IV	1.1	12	3.1		0.14	0.24	0.98	19.38
41	9013526	2	Flunixin (M)	Dogs		Plasma	IV	1.1	12						19.38
42	9014804	1	Flunixin (M)	Donkeys		Plasma	IV								
43	9013544	1	Flunixin (M)	Donkeys	9.2	Serum	IV	1.1	237	0.75	0.05	0.085		1.8	10.766
44	9008646	4	flunixin	Ducks		Plasma	IV	1.1	3.0	0.43				0.088	2.3338
45	9013130	1	flunixin	Goats	3	Plasma	IV	2.2	34	3.6		0.35	0.5	1.8337	21
46	8004656	1	flunixin	Horses		Plasma	IV	1.1		4.8	0.198			0.5523	
47	8005000	1	Flunixin	Horses		Plasma	IV	1.1		1.6					
48	8005000	2	Flunixin	Horses		Plasma	IV	1.1		1.92				2.193	
49	8005000	3	Flunixin	Horses		Plasma	IV	1.1							
50	9000985	1	Flunixin	Horses		Plasma	IV	1	418	1.62					
51	9001002	1	Flunixin	Horses		Plasma	IV	1.1							
52	9001002	2	Flunixin	Horses		Plasma	IV	0.25							
53	9001002	3	Flunixin	Horses		Plasma	IV	0.1							
54	9001002	4	Flunixin	Horses		Plasma	IV	0.25							
55	9002092	17	flunixin	Horses		Plasma	IV	add	450						
56	9002092	18	flunixin	Horses		Plasma	IV	add	450						
57	9002092	44	flunixin	Horses		Plasma	IV	add	450						
58	9004313	1	Flunixin	Horses		Plasma	IV	1.1	0.498	1.5		0.145	0.195	1.53	12.0
59	9004313	3	Flunixin	Horses		Plasma	IV	2.2	0.498	6.08		0.159		1.02	35.9
60	9005039	1	Flunixin	Horses		Plasma	IV	1							
61	9006204	1	Flunixin	Horses		Plasma	IV	0							
62	9008713	2	flunixin	Horses		Plasma	IV	0							
63	9008716	1	flunixin	Horses		Plasma	IV	1.1	401.3	3.37	0.070		0.317	0.96686	19.34
64	9009082	2	flunixin	Horses		Plasma	IV	0							



No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	UreCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					Yr			mk/kg	kg	hr	I/kg	I/kg	I/kg	ml/min*kg	ug*/h/ml
65	9009479	2	Flunixin	Horses	10	Plasma	IV	1	400	4.2	0.043	0.154	0.1	1.048543	
66	9010650	1	Flunixin	Horses		Plasma	IV	1.1	592.5	2.1				0.51677	
67	9012618	1	Flunixin	Horses	0	Plasma	IV	1.1		8.5	0.051	0.21	0.21	0.290058	71.6
68	9013542	1	Flunixin	Horses	13.5	Plasma	IV	1.1	383	3.69	0.058	0.13		0.75	26.07
69	9013542	2	Flunixin	Horses	13.5	Plasma	IV	1.1	383	3.48	0.06	0.13		0.77	24.28
70	9015064	1	flunixin	Horses		Plasma	IV	1.1		2.1					
71	9015820	1	flunixin	Horses		Plasma	IV	1.1		3.38					
72	9015820	2	flunixin	Horses		Plasma	IV	1.1		<del>2.96</del>					
73	9002097	1	Flunixin	Horses	3.7	Serum	IV	add		1.57			73.6 (0.1)	74.67 (ml/hr)	
74	9002097	2	Flunixin	Horses	3.6	Serum	IV	add		1.86			85.2 (0.1)	88.17 (ml/hr)	
75	9002097	3	Flunixin	Horses	13.5	Serum	IV	add		3.96			90.2 (0.1)	395 (ml/hr)	
76	9005113	1	flunixin	Horses	Add i	Serum	IV	1.1		9.27	0.189	0.362	0.136	1.3	14.0
77	9012626	1	flunixin	Horses		Serum	IV	1	450	1.76		0.114		0.887	
78	9012626	2	flunixin	Horses		Serum	IV	1	450	2.27		0.138		0.912	
79	9013544	2	Flunixin	Horses	9	Serum	IV	1.1	447		0.065	0.117		1.1	16.2667
80	9013544	3	Flunixin	Horses and Mules	12.2	Serum	IV	1.1	467		0.112	0.127		1.4	14.333
81	9007665	1	Flunixin	Llamas		Plasma	IV	2.2	129.5	1.47		29.7 (0.1)	96.2	0.775155	49.0
82	9014807	1	flunixin	Llamas		Plasma	IV	2.2		1.47					
83	9008652	2	flunixin	Ostrich		Plasma	IV	1.1	15	0.17			0.13	8.335	2.55
84	9009309	1	flunixin	Ostrich		Plasma	IV	0							
85	9008646	1	flunixin	Pigeons		Plasma	IV	1.1	0.45	0.62					17.81
86	9009083	3	flunixin	Ponies		Plasma	IV	1.1	280	1.94	0.10		0.058	1.06688	19.43
87	9010560	1	Flunixin	Rabbits		Plasma	IV	2	3	3.87			0.466	1.42	
88	9010560	2	Flunixin	Rabbits		Plasma	IV	2	3	1.97			0.198	1.20	
89	9010560	3	Flunixin	Rabbits		Plasma	IV	2	3	1.97			0.163	0.647	
90	9012052	1	Flunixin	Rabbits		Plasma	IV	2.2		1.47			0.51	4.5009	8.7
91	9012052	2	Flunixin	Rabbits		Plasma	IV	2.2		1.57			0.37	5.001	8.1
92	9012536	1	flunixin	Rabbits	0.5	Plasma	IV	2.2	2.88	1.19			0.81	10.3354	3.67
93	9012536	2	flunixin	Rabbits	0.5	Plasma	IV	2.2	2.88	1.9			0.96	7.1681	5.29
94	9013545	1	Flunixin	Rabbits	0.5	Plasma	IV	2.2	3.35	1.47			0.51	4.5009	8.71
95	9013545	2	Flunixin	Rabbits	0.5	Plasma	IV	2.2	3.35	1.57			0.57	5.001	8.06
96	9005330	1	Flunixin	Sheep	2.5	Plasma	IV	1		2.64			0.12825	0.702	23.7343

09/03/2013, Tommy

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Flunixin

No. fatu	CitNum:	Genf	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
97	9005330	2	Flunixin	Sheep	1	Plasma	IV	2		2.99		0.14297		0.768	43.4164
98	9007611	1	Flunixin	Sheep	1	Plasma	IV	1.1	45	0.26		0.117		0.6494632	30.61
99	9011691	1	Flunixin	Swine		Plasma	IV	2	18.6	7.99		1.83	34.3	4.9663264	7.74
100	9013530	1	Flunixin	Swine	0.15	Plasma	IV	2.2	36	6.28			0.01	0.1667	237.73
101	9013530	2	Flunixin	Swine	0.15	Plasma	IV	1.1	36	7.37			0.01	0.1667	147.71
102	9008646	7	flunixin	Turkeys		Plasma	IV	1.1	8	0.54			0.10	3.01727	6.13

Acetaminophen

No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			ml/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
1	8004431	1	acetaminophen	Camel	2	Plasma	IV	5	200	0.72		1.21		21.9	38717
2	8004431	2	Acetaminophen	Camel	2	Plasma	IV	5	200					19.083	
3	8004431	3	Acetaminophen	Camel	2	Plasma	IV	5	200					24.213	
4	9009605	1	acetaminophen	Cattle (D)	0.07	Plasma	IV	5		1.35		0.684		794	57583
5	9009605	2	acetaminophen	Cattle (D)	0.08	Plasma	IV	5		1.28		0.684		817	5355
6	9009605	3	acetaminophen	Cattle (D)		Plasma	IV	5		1.32		0.661		805	5467
7	9009605	4	acetaminophen	Cattle (D)		Plasma	IV	5		1.63		0.686		615	7692
8	9009605	5	acetaminophen	Cattle (D)		Plasma	IV	5		1.3		0.677		803	55817
9	9009605	6	acetaminophen	Cattle (D)		Plasma	IV	5		1.73		0.655		615	7325
10	9009605	7	Acetaminophen	Cattle (D)	0.07	Plasma	IV	5						63.55	
11	9009605	8	Acetaminophen	Cattle (D)	0.08	Plasma	IV	5						613	
12	9009605	9	Acetaminophen	Cattle (D)		Plasma	IV	5						6593	
13	9009605	10	Acetaminophen	Cattle (D)		Plasma	IV	5						7358	
14	9009605	11	Acetaminophen	Cattle (D)		Plasma	IV	5						6465	
15	9009605	12	Acetaminophen	Cattle (D)		Plasma	IV	5						7495	
16	9009605	13	Acetaminophen	Cattle (D)	0.07	Plasma	IV	5						355	
17	9009605	14	Acetaminophen	Cattle (D)	0.06	Plasma	IV	5						328	
18	9009605	15	Acetaminophen	Cattle (D)		Plasma	IV	5						397	
19	9009605	16	Acetaminophen	Cattle (D)		Plasma	IV	5						582	
20	9009605	17	Acetaminophen	Cattle (D)		Plasma	IV	5						38	
21	9009605	18	Acetaminophen	Cattle (D)		Plasma	IV	5						5.6	
22	9015043	1	acetaminophen	Chickens		Plasma	IV	10		0.61					
23	9004766	1	acetaminophen	Dogs		Plasma	IV	150	9.7	1.78			0.6	404	650
24	9004766	2	acetaminophen	Dogs		Plasma	IV	150	9.7	1.06			0.59	652	390
25	9015043	5	acetaminophen	Dogs		Plasma	IV	10		0.37					
26	8004431	7	acetaminophen	Goats	1	Plasma	IV	10	25	0.09		1.418			3422
27	8004431	8	Acetaminophen	Goats	1	Plasma	IV	10	25						73.185
28	8004431	9	Acetaminophen	Goats	1	Plasma	IV	10	25						2848
29	9007547	1	acetaminophen	Goats		Plasma	IV	50	10	0.96					
30	9007547	2	acetaminophen	Goats		Plasma	IV	50	10	1.93					
31	9007547	3	acetaminophen	Goats		Plasma	IV	50	10	0.83					
32	9007547	4	acetaminophen	Goats		Plasma	IV	50	10	1.69					

No. Jatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	InteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					Yr			mk/kg	kg	hr	l/kg	l/kg	l/kg	ml/min*kg	ug*h/ml
33	9004203	6	acetaminophen	Horses		Plasma	IV	10	475	0.29		0.196		14	11916967
34	9004203	7	acetaminophen	Horses		Plasma	IV	10	475	1.97		0.829		484	5.866427
35	9015043	9	acetaminophen	Horses		Plasma	IV	10		4.3					
36	9001297	1	acetaminophen	Mice		Plasma	IV	15	0.3	0.27			1.02	44.3	
37	9001297	2	acetaminophen	Mice		Plasma	IV	30	0.3	0.25			0.88	42.4	
38	9001297	3	acetaminophen	Mice		Plasma	IV	150	0.3	1.02			0.83	9.3	
39	9001297	4	acetaminophen	Mice		Plasma	IV	300	0.3	2.03			1.13	6.4	
40	9001297	5	Acetaminophen	Mice		Plasma	IV	28	0.3	0.24			0.311	14.7	
41	9001297	6	Acetaminophen	Mice		Plasma	IV	26	0.3	0.32			0.489	13.8	
42	9001297	7	acetaminophen	Mice		Plasma	IV	30	0.3						
43	9001297	8	acetaminophen	Mice		Plasma	IV	30	0.3						
44	9001297	9	acetaminophen	Mice		Plasma	IV	30	0.3						
45	9001297	10	acetaminophen	Mice		Plasma	IV	30	0.3						
46	9014031	3	acetaminophen	Ponies		Plasma	IV	125	192.5	2.01			0.75	4.61	
47	9014031	4	acetaminophen	Ponies		Plasma	IV	125	192.5	2.01			0.78	4.87	
48	9013683	1	acetaminophen	Rabbits		Blood	IV	0	2.5						
49	9015322	1	acetaminophen	Rabbits		Plasma	IV								
50	9009775	1	acetaminophen	Rabbits		Serum	IV	35	4.092	0.42		0.59		16.1	
51	9009775	2	acetaminophen	Rabbits	0.05	Serum	IV	65	0.321	0.55		0.597		13.7	
52	9010761	7	acetaminophen	Rats		Blood	IV	0							
53	9001290	1	acetaminophen	Rats		Plasma	IV	300	0.195	1.18			0.779	7.6	
54	9001290	2	Acetaminophen	Rats		Plasma	IV	60	0.21	0.67			0.34	8.97	
55	9001290	3	Acetaminophen	Rats		Plasma	IV	60	0.21	0.44			0.245	6.35	
56	9001290	4	Acetaminophen	Rats		Plasma	IV	60	0.21	0.46			0.350	8.92	
57	9001290	5	acetaminophen	Rats		Plasma	IV	15	0.232	0.32			0.842	29.9	
58	9001290	6	acetaminophen	Rats		Plasma	IV	15	0.317	0.35			0.872	28.5	
59	9001290	7	acetaminophen	Rats		Plasma	IV	300	0.290	1.68			0.754	5.3	
60	9001290	8	Acetaminophen	Rats		Plasma	IV	60	0.21	0.41			0.24	6.82	
61	9001510	1	acetaminophen	Rats		Plasma	IV	150	0.3	0.53					
62	9001510	2	acetaminophen	Rats		Plasma	IV	150	0.3	0.92					
63	9001575	1	acetaminophen	Rats		Plasma	IV	150	0.305						
64	9001575	2	acetaminophen	Rats		Plasma	IV	150	0.305						

No. ratu	CitiNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	lteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
					yr			ml/kg	kg	hr	I/kg	I/kg	I/kg	ml/min*kg	ug*h/ml
65	9006628	2	acetaminophen	Rats		Plasma	IV	0							
66	9009623	1	acetaminophen	Rats		Plasma	IV	0							
67	9014147	1	acetaminophen	Rats	0.31	Plasma	IV	100							
68	9014147	2	Acetaminophen	Rats	0.31	Plasma	IV	100							
69	9014147	3	Acetaminophen	Rats	0.31	Plasma	IV	100							
70	9014147	4	acetaminophen	Rats	0.31	Plasma	IV	100							
71	9014147	5	Acetaminophen	Rats	0.31	Plasma	IV	100							
72	9014147	6	Acetaminophen	Rats	0.31	Plasma	IV	100							
73	9005057	9	acetaminophen	Rats		Serum	IV	400	0.3	3.01					
74	9005057	10	acetaminophen	Rats		Serum	IV	100	0.3	1.78					
75	9005057	11	acetaminophen	Rats		Serum	IV	100	0.3	1.87					
76	9005057	12	acetaminophen	Rats		Serum	IV	100	0.3	1.44					
77	9014032	1	Acetaminophen	Sheep		Plasma	IV	20	2.275	3.28				5.6 (ml/min/kg)	
78	9014032	2	Acetaminophen	Sheep		Plasma	IV	20	2.275	5.14				4.03 (ml/min/kg)	
79	9009177	3	acetaminophen	Swine		Plasma	IV	5	30.6	1.1				8	10.5
80	9009177	4	acetaminophen	Swine		Plasma	IV	5	30.6	2				4.9	17.5
81	9009747	1	acetaminophen	Swine		Plasma	IV	5	33	0.9				15.6698	5.6
82	9009747	2	acetaminophen	Swine		Plasma	IV	5	33	1				12.0024	7.0
83	9009747	3	acetaminophen	Swine		Plasma	IV	2	33	1				19.0038	1.8
84	9009747	4	acetaminophen	Swine		Plasma	IV	2	33	1				21.1709	1.6
85	9015043	7	acetaminophen	Swine		Plasma	IV	10		1.17					
86	9015043	3	acetaminophen	Turkeys		Plasma	IV	10		0.67					



Tinidazole

No. fatu	CitNum:	Genl	ActiveIngredient:	Species:	Age:	Matrix:	uteCo	Dose:	BW	HL	Vc	Vdss	VdArea	CLR	AUC
1	9004581	4	tinidazole	Cats	yr	Plasma	IV	15 3.05	kg	8.4	l/kg	l/kg	l/kg	ml/min*kg	ug*/h/ml
2	9004581	1	tinidazole	Dogs		Plasma	IV	15 12.75	kg	4.4					
3	9004144	1	tinidazole (D)	Cattle		Serum	IV	6		2.49			0.64	2.67	
4	9007291	1	tinidazole (D)	Cattle	0.02	Serum	IV	20	36	6.56		0.74	0.77	1.37	14.747
5	9002090	1	tinidazole	Horses	7	Serum	IV	15	479	5.21		0.660	0.707	1.57	161.1
6	9011865	2	tinidazole	Rabbits		Serum	IV	17.9	2.8						

