

ANNEX 10

TOXICITY TO DAPHNIA: COMPARISON OF TEST RESULTS AND PREDICTIONS

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
4	nd	> 100	-	-
6	230 (96 hr)	> 140	-0.22	agree
16	1100 (48 hr)	> 100	[0]	agree
17	1.2 (48 hr)	> 0.2	-0.80	agree
21	nd	NTS	-	-
23	680 (24 hr)	> 100	[0]	agree
24	10 (24 hr)	< 0.73	-	-
26	NTS (24 hr)	NTS	-	agree
37	> 2 (24 hr)	10	- 0.70	agree
44	nd	NTS	-	-
47	2.9 (24 hr)	≤ 0.57	-	-
49	0.84 (48 hr)	≤ 30	-	-
50	NTS (24 hr)	NTS	-	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [\pm log units]	Result
53	131.7 (24 hr)	0.1	-3.15	disagree
54	15.3 (24 hr)	2.2	-0.85	agree
61	NTS (24 hr)	NTS	-	agree
68	20.5 (24 hr)	> 100	0.69	agree
69	395 (24 hr)	> 100	0.60	agree
70	NTS	NTS	-	agree
76	4.0 (48 hr)	NTS	-	disagree
78	990 (24 hr)	0.1	-4	disagree
79	> 1000 (24 hr)	NTS	-	agree
87	25.5 (48 hr)	8.1	-0.49	agree
96	355 (24 hr)	100	-0.55	agree
99	> 56 (48 hr)	\leq 100	-	-
101	> 1000 (24 hr)	> 100	[0]	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [\pm log units]	Result
102	47 (24 hr)	NTS	-	disagree
106	5.6 (24 hr)	NTS	-	disagree
107	nd	> 100	-	-
108	1.83 (48 hr)	0.46	0.60	agree
110	0.018 - 0.032 (48 hr)	NTS	-	disagree
113	365 (nominal) (24 hr)	NTS	-	agree
118	9.3 (24 hr)	0.01	-4	disagree
124	5.4 (48 hr)	3.4	-0.20	agree
128	> 100 (24 hr)	15.4	-0.82	agree
133	5.35 (24 hr)	≤ 0.93	-	-
144	NTS > 5.3 (48 hr)	NTS	-	agree
148	NTS > 7.8	NTS	-	agree
151	8.0 (48 hr)	0.36	-1.35	disagree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
155	4.1 (48 hr)	NTS	-	disagree
156	1.3 (48 hr)	0.45	-0.46	agree
164	16 (48 hr)	NTS	-	disagree
170	53 (24 hr)	1.8	-1.52	disagree
173	5 (48 hr)	≥8.4	0.23	agree
176	NTS (24 hr)	NTS	-	agree
182	1.5 (48 hr)	NTS	-	disagree
186	>50	>0.1	-2.70	disagree
192	801 (48 hr)	≤63.0	-	-
194	1.72 (48 hr)	≤0.93	-	-
196	>1000	>100	[0]	agree
197	0.01 (48 hr)	0.2	1.30	disagree
200	0.046 (48 hr)	NTS	-	disagree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
204	NTS > 0.3 (48 hr)	NTS	-	agree
214	220 (24 hr)	2	-2.05	disagree
216	23 (24 hr)	30	0.11	agree
217	> 100 (24 hr)	230	0.36	agree
218	7.2 (48 hr)	1.9	-0.59	agree
219	39.2 (24 hr)	10	-0.60	agree
222	1.9 (48 hr)	10	0.72	agree
224	> 1000	> 100	[0]	agree
235	4.1 (24 hr)	0.2	-1.30	disagree
237	> 1000 (48 hr)	10	-2	disagree
239	NTS > 100 (24 hr)	NTS	-	agree
240	37.2 (48 hr)	> 100	-0.43	agree
241	24 (48 hr)	> 100	0.62	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
242	21.1 (48 hr)	> 100	0.67	agree
253	NTS	NTS	-	agree
256	> 1000 (24 hr)	90	-1.05	disagree
263	250 (24 hr)	17	-1.16	disagree
265	16,940 (48 hr)	> 1000	[0]	agree
267	nd	NTS	-	
268	900 (24 hr)	0.1	-4	disagree
269	NTS > 3.7 (48 hr)	NTS	-	agree
270	44 (24 hr)	9	-0.7	agree
271	93 (48 hr)	50	-0.27	agree
275	139.3 (24 hr)	0.42	-2.52	disagree
278	0.53 (48 hr)	11	1.32	disagree
281	0.91 (48 hr)	NTS	-	disagree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
283/429	NTS > 1000 (24 hr)	NTS	-	agree
286	NTS > 100 (48 hr)	NTS	-	agree
287	NTS > 1000 (24 hr)	NTS	-	agree
289	NTS > 1000 (24 hr)	NTS	-	agree
291	NTS > 100 (24 hr)	NTS	-	agree
292	20.5 (24 hr)	3.4	-0.77	agree
300	25 (24 hr)	1.7	-1.16	disagree
307	3.5 (24 hr)	17.4	0.70	agree
309	NTS > 0.03 (48 hr)	NTS	-	agree
312	39.7 (24 hr)	1500	1.59	disagree
318	NTS 750 (48 hr)	NTS	-	agree
320	NTS 70 (48 hr)	NTS	-	agree
321	> 100 (24 hr)	> 100	0	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [± log units]	Result
330	44 (48 hr)	>1000	1.36	disagree
335	> 1000 (24 hr)	NTS	-	agree
336	140 (24 hr)	50	-0.44	agree
337	13 (48 hr)	40	0.49	agree
340	25 (48 hr)	≥72	0.46	agree
341	36 (48 hr)	> 1000	1.44	disagree
342	> 1000 (48 hr)	> 1000	0	agree
344	> 1000 (24 hr)	> 1000	0	agree
348	NTS > 1000 (24 hr)	NTS	-	agree
349	6 - 15 (48 hr)	NTS	-	agree
354	> 30 (48 hr)	≤14.1	-	
355	NTS > 1 (48 hr)	NTS	-	agree
360	> 100 (24 hr)	40	-0.40	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [\pm log units]	Result
361	NTS > 1000 (24 hr)	NTS	-	agree
362	NTS > 1.0 (24 hr)	31.3	1.50	disagree
364	1.2 (24 hr)	> 100	1.92	disagree
366	1.63 (48 hr)	NTS	-	disagree
368	> 5.7 (48 hr)	≥ 10	0.24	agree
369	602 (48 hr)	400	-0.18	agree
370	125 (24 hr)	0.42	-2.52	disagree
373	20.9 (48 hr)	0.73	-1.52	disagree
376	NTS 172.8 (48 hr)	NTS	-	agree
379	0.78 (48 hr)	0.95	0.08	agree
381	NTS > 500 (48 hr)	NTS	-	agree
383	NTS > 70 (24 hr)	NTS	-	agree
386	48.9 (48 hr)	≤ 38.1	-	-

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [\pm log units]	Result
393	200 (48 hr)	1.6	-2.10	disagree
394	890 (48 hr)	> 100	[0]	agree
396	> 1000 (24 hr)	> 1000	0	agree
398	8.6 (48 hr)	≥ 10	0.06	agree
401	62 (48 hr)	16	-0.58	agree
406	NTS	NTS	-	agree
411	NTS > 1000 (48 hr)	NTS	-	agree
413	NTS > 4.8 (24 hr)	NTS	-	agree
414	88 (48 hr)	≥ 150	0.23	agree
415	NTS > 100 (24 hr)	NTS	-	agree
416	NTS > 0.0048 (24 hr)	NTS	-	agree
417	NTS	NTS	-	agree
420	1.1 (48 hr)	5.1	0.66	agree

Chem. No.	MPD EC50 value [mg/l]	SAR EC50 value [mg/l]	Difference [\pm log units]	Result
421	signs for toxicity	0.07	-	-
425	52 (48 hr)	≥ 30	-0.24	agree
431	NTS > 1000 (24 hr)	NTS	-	agree
436	19 (24 hr)	0.06	-2.52	disagree
437	NTS 14 (48 hr)	NTS	-	agree
439	> 1000	≥ 100	[0]	agree
441	70 (48 hr)	10	-0.85	agree
442	176 (24 hr)	≥ 100	-0.24	agree
443	146 (24 hr)	≥ 7	-1.30	disagree
444	5.2 (24 hr)	nd	-	-
445	> 100	> 100	0	agree
446	NTS 62 (24 hr)	NTS	-	agree
451	111 (48 hr)	≤ 1000	-	-
472	6.36 (48 hr)	NTS	-	disagree