NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETAMINOPHEN															
IIVS															
A1	RF	AA61HU	1450	9.560	0.525	0.11%	0	1	0.5444	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61HU	541	3.576	0.678	1.54%	5	3	0.9557	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B12-N041022B
B2	DF	AA61HU	661	4.370	0.622	9.36%	5	3	0.9738	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B13-N041029B
B3	DF	AA61HU	512	3.384	0.777	0.82%	5	3	0.9526	2500, 1786, 1276, 911, 651, 465, 332, 237	1.4	YES			SLS-B14-N041030A
ECBC															
AA61LR-A1	RF	AA61LR	196	1.299	0.972	0.43%	1	6	0.8186	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P19
AA61LR-B1	DF	AA61LR	467	3.086	0.731	1.13%	3	5	0.9694	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P41
AA61LR-B2	DF	AA61LR	586	3.877	0.704	2.81%	3	4	0.9642	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P43
AA61LR-B3	DF	AA61LR	621	4.106	1.019	4.94%	3	4	0.9495	4000, 1861, 865, 403, 187, 87.1, 40.5, 18.8	2.15	YES			SLS-P45
FRAME															
FAL.NHK.PY.A1.24.09.04	RF	AA61PY	137	0.907	0.578	8.76%	1	3	0.6981	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.PY.B1.01.10.04	DF	AA61PY	1130	7.489	1.026	8.47%	2	5	0.9753	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.PY.B2.07.10.04	DF	AA61PY	421	2.783	0.575	3.20%	4	3	0.6590	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		C1 shows high toxicity; should this point be removed & new calc. be made?	FAL.NHK.SLS.07.10.03
FAL.NHK.PY.B3.05.11.04	DF	AA61PY	541	3.576	0.418	10.47%	3	1	0.9335	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		outlier removed by SD	FAL.NHK.SLS.05.11.04
FAL.NHK.PY.B4.10.11.04	DF	AA61PY	380	2.514	1.156	1.74%	3	5	0.7537	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.10.11.04

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Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ACETONITRILE															
IIVS															
A1	RF	AA61GF	43700	1063.376	0.479	4.37%	0	4	0.5946	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61GF	6810	165.839	0.494	99.86%	3	2	0.9841	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	NO	%VC difference >15	Left VC was removed from calc. due to volatility	SLS-B8-N040819A
B2	DF	AA61GF	9730	236.966	0.624	3.54%	3	2	0.9960	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	YES		plate seal used; SD removed top dose from analysis since only 4 wells of 8 were treated	SLS-B10-N040903A
B3	DF	AA61GF	9230	224.743	0.693	4.62%	3	2	0.9964	200000, 111111, 61728, 34294, 19052, 10584, 5880, 3267	1.8	YES		plate seal used	SLS-B11-N040904H
B4	DF	AA61GF	8910	217.114	0.605	5.04%	3	3	0.9878	40000, 25000,15625, 9766, 6104, 3815, 2384, 1490	1.6	YES			SLS-B12-N041022B
ECBC															
AA61PH-A1	RF	AA61PH	NA	NA	0.635	1.57%	0	5	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P1
AA61PH-A2	RF	AA61PH	NA	NA	0.231	97.27%	3	1	NA	200000, 20000, 2000, 200, 20, 2, 0.2, 0.02	10	RF	range finder	probable volatility problem	SLS-P3
AA61PH-B1	DF	AA61PH	22600	551.679	0.911	13.28%	1	3	0.8640	50000, 23256, 10817, 5031, 2340, 1088, 506, 235	2.15	YES			SLS-P7
AA61PH-B2	DF	AA61PH	31800	775.688	0.865	21.14%	1	5	0.8532	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	NO	%VC difference > 15	possible volatility problem	SLS-P9
AA61PH-B3(sealer)	DF	AA61PH	7110	173.255	0.561	4.36%	6	2	0.9839	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P17
AA61PH-B4(sealer)	DF	AA61PH	7050	171.667	0.643	1.06%	5	2	0.9812	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P18
AA61PH-B5	DF	AA61PH	6710	163.564	0.484	0.05%	5	2	0.9783	40000, 27211, 18511, 12592, 8566, 5827, 3964, 2697	1.47	YES			SLS-P24
FRAME															
FAL.NHK.PL.A1.18.02.04	RF	AA61PL	NA	NA	0.107	11.79%	0	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no values calculated by PRISM; % viability are "nonsense" values	FAL.NHK.SLS.18.02.04
FAL.NHK.PL.26.02.04	RF	AA61PL	8220	200.303	0.138	32.31%	1	0	0.4136	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	RF	range finder	chem. needs to be tested at high conc. but have volatility problems even w/plate sealer	FAL.NHK.SLS/NB.26.02.03
FAL.NHK.PL.B1.25.03.04	DF	AA61PL	8790	214.135	0.502	3.22%	1	2	0.9338	25000, 7937, 2520, 800, 254, 80.6, 25.6, 8.12	3.15	YES		did SD use plate film cover?	FAL.NHK.SLS.25.03.03
FAL.NHK.PL.B3.26.03.04	DF	AA61PL	7480	182.258	0.549	4.16%	2	0	0.8428	25000, 7911, 2504, 792, 251, 79.3, 25.1, 7.9	3.16	NO	no points between 50-100%	wrong solvent reported but correct one used (correction by SD); pts between 50 - 100% but several > 100%	FAL.NHK.SLS.26.03.04
FAL.NHK.PL.B4.25.04.04	DF	AA61PL	12400	302.473	0.860	5.09%	1	1	0.9371	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.PL.B5.28.04.04	DF	AA61PL	8020	195.293	0.909	6.73%	0	1	0.8109	25000, 7937, 2520, 800, 254, 80.6, 25.6, 8.12	3.15	NO	no points between 0-50%	wells D3,D4,E3,E4 data removed by SD after NICEATM recomm. to review potential outliers; revised data eliminates point between 0-50% and test fails	FAL.NHK.SLS.28.04.03
FAL.NHK.PL.B5.19.08.04(rb) should be B6	DF	AA61PL	10800	262.233	0.266	7.45%	2	0	0.5395	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	NO	PC fails; no points between 50-100%		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.PL.B6.20.08.04 should be B7	DF	AA61PL	9270	225.781	0.824	2.53%	2	2	0.9559	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.20.08.04

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ACETYLSALICYLIC ACID															
IIVS															
A1	RF	AA61HM	552	3.064	0.748	3.52%	1	4	0.9540	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61HM	509	2.826	0.653	1.76%	5	3	0.9836	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B8-N040819A
B2	DF	AA61HM	596	3.306	0.599	5.27%	4	4	0.9664	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B9-N040820A
B3	DF	AA61HM	438	2.428	0.607	3.62%	5	3	0.9107	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES			SLS-B10-N040903A
ECBC															
AA61ME-A1	RF	AA61ME	631	3.501	0.916	2.80%	1	7	0.9492	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2 and 1X C1	SLS-P14
AA61ME-B1	DF	AA61ME	614	3.406	0.765	3.36%	3	5	0.9409	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P53
AA61ME-B2	DF	AA61ME	653	3.624	0.791	2.60%	3	5	0.9719	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P54
AA61ME-B3	DF	AA61ME	627	3.477	0.983	0.71%	3	5	0.9596	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	YES			SLS-P56
FRAME															
FAL.NHK.JA.A1.14.05.04	RF	AA61JA	340	1.889	0.764	4.39%	1	2	0.9410	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.JA.B1.08.10.04	DF	AA61JA	719	3.993	0.722	0.54%	2	3	0.9913	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.JA.B2.22.10.04	DF	AA61JA	778	4.318	0.715	2.72%	3	5	0.9753	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.JA.B3.28.10.04	DF	AA61JA	586	3.253	0.635	3.07%	4	4	0.9817	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AMINOPTERIN															
IIVS															
A2	RF	AA61JD	1480	3.360	0.809	5.29%	0	6	0.7064	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61JD	561	1.274	0.476	6.77%	2	6	0.9289	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	YES		evidence of precipitate at highest dose	SLS-B1
B2	DF	AA61JD	661	1.501	0.328	4.35%	2	6	0.9353	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	YES		evidence of precipitate at highest dose	SLS-B2
B3	DF	AA61JD	986	2.239	0.34	6.44%	0	5	0.9305	1000, 714, 510, 364, 260, 186, 133, 94.9	1.40	NO	No points 0-50%	evidence of precipitate at highest dose	SLS-B3
ECBC															
AA61MB-A1	RF	AA61MB	627	1.424	0.566	1.64%	1	3	0.8101	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	range finder	SLS-P4
AA61MB-B1	DF	AA61MB	962	2.184	1.042	1.45%	1	7	0.7701	1000, 680.3, 462.8, 314.8, 214.2, 145.7, 99.1, 67.4	1.47	NO	low r2		SLS-P8
AA61MB-B2	DF	AA61MB	718	1.630	0.914	0.84%	3	5	0.8326	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316.0	1.21	YES			SLS-P10
AA61MB-B3	DF	AA61MB	1080	2.452	0.778	2.61%	1	7	0.7956	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316	1.21	YES			SLS-P12
AA61MB-B4	DF	AA61MB	944	2.143	0.904	5%	3	5	0.7754	1200, 991.7, 819.6, 677.4, 559.8, 462.7, 382.4, 316.0	1.21	YES			SLS-P20
FRAME															
FAL.NHK.PU.30.07.03	RF	AA61PU	NA	NA	1.355	3.29%	0	8	0.0373	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	solution is yellow and may bind to the cells thus affecting NRU	FAL.NHK.SLS.30.07.03
FAL.NHK.PU.B1.07.08.03	DF	AA61PU	516	1.172	0.245	10.54%	2	6	0.2733	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	low r2	biphasic response	FAL.NHK.SLS.07.08.03
FAL.NHK.PU.B2.13.08.03	DF	AA61PU	NA	NA	0.722	30.35%	0	7	NA	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	PC fails; no points between 0 - 50%; no r2; %VC difference > 15	SD rejects this assay; can't explain the variability of cell growth in the wells	FAL.NHK.SLS.13.08.03
FAL.NHK.PU.B3.23.08.03	DF	AA61PU	366	0.831	0.408	5.58%	3	5	0.8213	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.PU.B4.28.08.05	DF	AA61PU	593	1.346	0.470	8.87%	2	6	0.7804	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.280803
FAL.NHK.PU.B5.05.09.03	DF	AA61PU	515	1.169	0.217	7.60%	2	6	0.7145	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.050903
FAL.NHK.PU.B6.01.10.03	DF	AA61PU	NA	NA	1.373	5.40%	0	8	0.0149	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	no points between 50 - 100%; low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.PU.B6.19.10.03	DF	AA61PU	157	0.356	0.170	1.73%	0	7	0.4794	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	NO	low r2; no points between 0-50%	SD worked with wrong dilution range; wanted to start at 1000	FAL.NHK.SLS.19.10.03
FAL.NHK.PU.B7.23.10.03	DF	AA61PU	526	1.194	0.236	3.75%	2	6	0.6618	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.23.10.03
FAL.NHK.PU.B8.24.10.03	DF	AA61PU	9950	22.591	0.869	1.69%	1	7	0.2607	1000, 680, 463, 314.8, 214.1, 145.6, 99.1, 67.4	1.47	NO	low r2		FAL.NHK.SLS.24.10.03
FAL.NHK.PU.B9.07.11.03	DF	AA61PU	5400	12.260	0.385	2.23%	1	7	0.1515	2000, 930, 433, 201, 94, 44, 20.2, 9.4	2.15	NO	low r2		FAL.NHK.SLS.07.11.03

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5-AMINOSALICYLIC ACID															
IIVS															
A1	RF	AA61GZ	93.1	0.608	0.631	0.67%	1	0	0.8972	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	SD did not use data from the highest dose in Hill analyses due to the effects of the ppts; ppt in 2X C1 & 1X C1	SLS-A3-N040331A
B1	DF	AA61GZ	41.7	0.272	0.548	2.71%	6	2	0.9682	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B1-N040423A
B2	DF	AA61GZ	47.3	0.309	0.557	3.54%	5	2	0.9749	500, 313, 195, 122, 76.3, 47.7, 29.8, 18.6	1.6	YES			SLS-B2-N040424A
B3	DF	AA61GZ	57.3	0.374	0.438	9.57%	3	3	0.9328	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9 ,7.45	1.6	YES		flattening of the curve at 35% viability	SLS-B3-N040506A
ECBC															
AA61KD-A1	RF	AA61KD	NA	NA	0.856	3.85%	1	4	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	SLS-P12
AA61KD-B1	DF	AA61KD	34.8	0.228	0.529	0.76%	4	1	0.9692	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			SLS-P32
AA61KD-B2	DF	AA61KD	32.4	0.212	0.539	0.94%	5	2	0.9214	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	YES			SLS-P34
AA61KD-B3	DF	AA61KD	22.5	0.147	0.401	3.53%	6	2	0.9529	150, 102, 69.4, 47.2, 32.1, 21.9, 14.9, 10.1	1.47	YES			SLS-P36
FRAME															
FAL.NHK.PA.A1.14.05.04	RF	AA61PA	35.6	0.232	0.784	2.17%	2	0	0.8834	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1; NR taken up by C1 ppt	FAL.NHK.SLS.14.05.03
FAL.NHK.PA.B1.19.08.04 rb	DF	AA61PA	62.1	0.406	0.234	1.25%	6	2	0.7433	500, 340, 231, 157, 108, 72.8, 50.0, 33.7	1.47	NO	PC fails		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.PA-NB.B2.25.08.04	DF	AA61PA	127	0.830	0.988	1.33%	2	3	0.8882	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.PA.17.09.04	DF	AA61PA	54.3	0.355	0.705	2.54%	2	1	0.8385	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		outlier removed by SD; ppt in C1; interference with NRU in C1-C3 conc.; SD consider removing C1-C3 data from PRISM analyses?	FAL.NHK.SLS.17.09.04
FAL.NHK.PA.B4.30.09.04	DF	AA61PA	53.3	0.348	0.753	2.27%	3	2	0.9753	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		toxicity curve begins to rise at high concentrations; maybe affecting NRU; outlier removed by SD	FAL.NHK.SLS.30.09.03

NHK NRU Test Chemical Data

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AMITRIPTYLINE HCL															
IIVS															
A1	RF	AA61RF	10.3	0.033	0.516	5.22%	0	1	0.9945	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RF	10.1	0.032	0.543	3.51%	2	3	0.9878	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B1-N040423A
B2	DF	AA61RF	10.6	0.034	0.636	2.41%	2	3	0.9899	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B2-N040424A
B3	DF	AA61RF	12.1	0.039	0.496	1.03%	2	2	0.9713	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B3-N040506A
ECBC															
AA61PR-A1	RF	AA61PR	7.64	0.024	0.518	3.91%	2	3	0.9625	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P4
AA61PR-B1	DF	AA61PR	12.4	0.040	0.647	4.74%	2	3	0.9678	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P21
AA61PR-B2	DF	AA61PR	13.0	0.042	0.921	1.85%	3	3	0.9817	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P23
AA61PR-B3	DF	AA61PR	6.94	0.022	0.648	2.47%	3	4	0.9710	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P24
FRAME															
FAL.NHK.LE.A1.13.02.03	RF	AA61LE	6.52	0.021	0.114	4.66%	2	2	0.8453	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	SD rejected due to bacterial contamination in some plates in test series; ppt in 2X C1	FAL.NHK.SLS.13.02.03
FAL.NHK.LE.A2.20.02.03	DF	AA61LE	3.08	0.010	0.213	0.12%	3	3	0.9449	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.20.02.03
FAL.NHK.LE.B1.27.02.04new	DF	AA61LE	13.6	0.043	0.548	1.40%	3	4	0.9200	50, 34.0, 23.1, 15.7, 10.7, 7.28, 4.96, 3.37	1.47	YES		file corrected by SD	FAL.NHK.SLS.27.02.03
FAL.NHK.LE.B3.19.03.04	DF	AA61LE	6.04	0.019	0.528	4.71%	3	5	0.9296	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ARSENIC III TRIOXIDE															
IIVS															
Preliminary	RF	AA61FX	5.16	0.026	0.585	3.78%	1	0	0.9828	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		Preliminary
B1	DF	AA61FX	26.4	0.133	0.487	0.24%	2	2	0.9238	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B1
B2	DF	AA61FX	22.5	0.114	0.633	7.02%	2	1	0.9682	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B2
B3	DF	AA61FX	22.5	0.114	0.817	7.11%	2	0	0.9900	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	NO	No points between 50 & 90%		SLS-B3
B4	DF	AA61FX	13.9	0.070	0.826	6.84%	1	1	0.9850	100, 46.4, 21.6, 10, 4.64, 2.16, 1.00, 0.46	2.15	YES			SLS-B4
ECBC															
ECBC-NHK-Ib-01 AA61KU-A1	RF	AA61KU	32.2	0.163	0.811	7.13%	0	1	-0.8980	25, 2.5, 0.25, 0.025, 0.0025,0.00025, 0.000025, 0.0000025	10	RF	range finder		SLS-P2
ECBC-NHK-Ib-02 AA61KU-B1	DF	AA61KU	4.51	0.023	0.978	2.63%	3	1	0.9577	50, 34, 23.1, 15.7, 10.7, 7.3, 5.0, 3.4	1.47	YES			SLS-P3
ECBC-NHK-Ib-03 AA61KU-B2	DF	AA61KU	7.76	0.039	1.200	2.58%	3	1	0.9757	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P4
ECBC-NHK-Ib-04 AA61KU-B3	DF	AA61KU	8.11	0.041	1.080	5.57%	3	2	0.8912	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P5
ECBC-NHK-Ib-05 AA61KU-B4	DF	AA61KU	10.7	0.054	1.086	3.26%	2	1	0.9369	25, 17.0, 11.6, 7.87, 5.35, 3.64, 2.48, 1.69	1.47	YES			SLS-P7
FRAME															
A1 1b/NHKRF1/FAL/NC	RF	AA61NC	1.49	0.008	0.160	0.52%	1	1	0.6560	12.5, 2.5, 0.5, 0.1, 0.02, 0.004, 0.00080, 0.00016	5	RF	range finder		A1 1b/NHKCTR1/FAL/SLS
A2 1b/NHKRF2/FAL/NC	RF	AA61NC	3.01	0.015	0.685	10.17%	4	4	0.5164	12.5, 8.5, 5.78, 3.93, 2.67, 1.82, 1.23, 0.84	1.47	NO	low r2		A2 1b/NHKCTR2/FAL/SLS
A3 1b/NHK/DF2/FAL/NC	DF	AA61NC	0.00016	0.000	0.051	18.01%	0	0	-0.9880	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	VC difference > 15%; no points between 10 & 90%; R^2 < 0.8; PC failed	NR crystal problems; used different medium; % viability values are negative; PRISM curve below 0	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF3/FAL/NC	DF	AA61NC	0.502	0.003	0.144	1.97%	5	0	0.7012	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	No point between 50 & 90%; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF4/FAL/NC	DF	AA61NC	NA	NA	-0.003	83.48%	0	0	NC	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	NO	VC difference > 15%; no points between 10& 90%; no R^2 or ICx; PC failed	NR crystal problems; used different medium; OD values of test wells no different than background ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF5/FAL/NC	DF	AA61NC	2.95	0.015	1.145	11.51%	2	3	0.8929	10, 6.8, 4.6, 3.14, 2.13, 1.45, 0.98, 0.67	1.47	YES			A6 1b/NHK/CTR7/FAL
A8 1b/NHK/DF7/FAL/NC	DF	AA61NC	6.26	0.032	0.740	2.23%	1	2	0.8855	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			A8 1b/NHK/CTR9/FAL
A9 1b/NHK/DF8/FAL/NC	DF	AA61NC	6.25	0.032	0.798	9.28%	1	6	0.7381	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	NO	R^2 < 0.8; PC failed		A9 1b/NHK/CTR10/FAL
A10 1b/NHK/DF9/FAL/NC	DF	AA61NC	1.29	0.007	1.108	3.81%	4	1	0.8550	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES		no outliers	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF10/FAL/SLS//NC	DF	AA61NC	1.54	0.008	1.439	0.51%	4	1	0.8443	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES		removed outliers from VCs	A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DF11/FAL/NC	DF	AA61NC	1.88	0.010	0.459	1.00%	5	2	0.8901	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF4/FAL/NC	DF	AA61NC	1.36	0.007	0.755	1.17%	4	1	0.8346	15, 10.2, 6.93, 4.72, 3.21, 2.18, 1.48, 1.01	1.47	YES			1b/NHK/CTR14/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ATROPINE SULFATE															
IIVS															
A1	RF	AA61NE	91.6	0.132	0.544	0.93%	2	1	0.9667	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61NE	106	0.152	0.578	5.65%	5	3	0.9599	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NE	64.6	0.093	0.492	0.17%	5	3	0.9862	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B5-N040514B
B3	DF	AA61NE	78.9	0.114	0.705	3.13%	5	3	0.9915	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		outlier removed by SD	SLS-B6-N040716A
ECBC															
AA61KX-A1	RF	AA61KX	57.5	0.083	0.549	2.70%	3	2	0.9435	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P16
AA61KX-B1	DF	AA61KX	79.4	0.114	0.798	3.96%	4	4	0.9761	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P30
AA61KX-B2	DF	AA61KX	97.5	0.140	0.673	1.08%	3	5	0.9491	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P40
AA61KX-B3	DF	AA61KX	79.4	0.114	0.675	2.42%	4	2	0.9655	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P42
FRAME															
FAL.NHK.FU.A1.28.07.04	RF	AA61FU	33.3	0.048	0.059	10.09%	3	3	0.7561	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.FU.B1.11.08.04	DF	AA61FU	202	0.291	0.809	8.32%	3	3	0.9333	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.FU-NB.B2.25.08.04	DF	AA61FU	80.7	0.116	1.010	3.32%	6	2	0.9459	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.FU.B3.27.08.04	DF	AA61FU	30.4	0.044	0.526	4.53%	5	1	0.9696	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BORIC ACID															
IIVS															
A1	RF	AA61LD	724	11.717	0.536	2.15%	1	1	0.9101	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61LD	455	7.359	0.583	4.16%	4	4	0.9594	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES		ppt in 1X C1	SLS-B8-N040819A
B2	DF	AA61LD	460	7.444	0.541	3.17%	4	4	0.9778	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES		ppt in 1X C1	SLS-B9-N040820A
B3	DF	AA61LD	476	7.705	0.553	4.25%	4	4	0.9713	2500, 1563, 977, 610, 381, 238, 149, 93	1.6	YES			SLS-B10-N040903A
ECBC															
AA61JH-A1	RF	AA61JH	449	7.258	0.449	0.45%	2	2	0.9280	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61JH-B1	DF	AA61JH	598	9.678	0.690	6.95%	4	4	0.9413	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P32
AA61JH-B2	DF	AA61JH	371	5.995	0.736	3.27%	4	3	0.9757	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P35
AA61JH-B3	DF	AA61JH	350	5.660	0.438	3.54%	4	4	0.9848	6000, 2791, 1298, 604, 281, 131, 60.7, 28.3	2.15	YES			SLS-P37
FRAME															
FAL.NHK.GR.A1.28.07.04	RF	AA61GR	1020	16.474	0.055	0.90%	1	1	0.6145	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GR.B1.11.08.04	DF	AA61GR	592	9.568	0.739	0.12%	4	4	0.9157	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GR-NB.B2.25.08.04	DF	AA61GR	851	13.766	0.943	0.07%	4	4	0.9741	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.GR.B3.27.08.04	DF	AA61GR	107	1.733	0.534	8.67%	6	2	0.9607	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
BUSULFAN															
IIVS															
A1	RF	AA61RL	1150	4.683	0.500	10.83%	0	3	0.5430	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RL	274	1.113	0.732	7.46%	2	4	0.9237	750, 417, 231, 129, 71.4, 39.7, 22.1, 12.3	1.8	YES			SLS-B12-N041022B
B2	DF	AA61RL	317	1.287	0.598	3.83%	2	5	0.9721	500, 333, 222, 148, 98.8, 65.8, 43.9, 29.3	1.5	YES			SLS-B113-N041029B
B3	DF	AA61RL	348	1.414	0.792	2.36%	2	6	0.9429	500, 333, 222, 148, 98.8, 65.8, 43.9, 29.3	1.5	YES			SLS-B14-N041030A
ECBC															
AA61LH-A1	RF	AA61LH	NA	NA	0.624	3.53%	0	7	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001,0.00001	10	RF	range finder		SLS-P4
AA61LH-B1	DF	AA61LH	217	0.882	1.103	1.81%	1	7	0.6962	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P47
AA61LH-B2	DF	AA61LH	211	0.856	0.792	1.88%	2	6	0.8550	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P48
AA61LH-B3	DF	AA61LH	332	1.347	1.344	2.99%	1	7	0.6216	800, 372, 173, 80.5, 37.4, 17.4, 8.10, 3.77	2.15	YES		ppt in 2X C1	SLS-P51
FRAME															
FAL.NHK.JE.A1.13.02.03	RF	AA61JE	29.8	0.121	0.152	15.63%	1	2	0.7100	250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder	SD rejected due to bacterial contamination in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.JE.A2.20.02.03	DF	AA61JE	171	0.694	0.195	6.46%	2	3	0.6939	250, 116.3, 54.1, 25.2, 11.7, 5.4, 2.5, 1.2	2.15	YES		DF since conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.JE.B1.27.02.04	DF	AA61JE	142	0.575	0.622	3.35%	2	6	0.8940	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.27.02.03
FAL.NHK.JE.B2.19.03.03	DF	AA61JE	490	1.988	0.573	1.40%	1	6	0.8387	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CADMIUM II CHLORIDE															
IIVS															
A2	RF	AA61NK	2.05	0.011	0.841	4.19	2	2	0.9692	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A2
B1	DF	AA61NK	1.84	0.010	0.444	6.37	5	3	0.9906	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B1
B2	DF	AA61NK	1.72	0.009	0.344	6.83	3	3	0.9819	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B2
B3	DF	AA61NK	2.02	0.011	0.338	4.78	2	2	0.9738	10, 6.7, 4.4, 3.0, 2.0, 1.3, 0.88, 0.59	1.47	YES			SLS-B3
ECBC															
AA61KR-A1	RF	AA61KR	1.75	0.010	0.492	0.22	3	3	0.9218	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P4
AA61KR-B1	DF	AA61KR	2.31	0.013	0.918	6.16	4	3	0.9738	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P8
AA61KR-B3	DF	AA61KR	3.29	0.018	0.749	0.44	2	2	0.9446	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P12
AA61KR-B5	DF	AA61KR	1.16	0.006	0.143	12.96	2	3	0.8299	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P15
AA61KR-B6	DF	AA61KR	2.57	0.014	0.867	2.57	3	3	0.9730	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P16
AA61KR-B7	DF	AA61KR	1.66	0.009	0.507	6.37	3	4	0.9495	8.00, 5.44, 3.70, 2.52, 1.71, 1.17, 0.793, 0.539	1.47	YES			SLS-P18
FRAME															
FAL.NHK.JP.A1.30.07.03	RF	AA61JP	1.71	0.009	1.263	6.60	3	5	0.9364	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.30.07.03
FAL.NHK.JP.B1.07.08.03	DF	AA61JP	0.722	0.004	0.253	4.61	4	0	0.9034	12.0, 8.2, 5.6, 3.2, 2.6, 1.8, 1.2, 0.8	1.47	NO	No points between 50 & 100% viability		FAL.NHK.SLS.07.08.03
FAL.NHK.JP.B2.13.08.03	DF	AA61JP	NA	NA	0.219	9.58	0	3	NA	3.0, 2.04, 1.39, 0.94, 0.64, 0.44, 0.3, 0.2	1.47	NO	PC fails; no points between 0 - 50%; no r2;	SD rejects this assay; can't explain the variability of cell growth in the wells	FAL.NHK.SLS.13.08.03
FAL.NHK.JP.B3.23.08.03	DF	AA61JP	2.19	0.012	0.384	4.86	2	6	0.9507	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.JP.B4.28.08.03	DF	AA61JP	2.96	0.016	0.504	7.31	1	1	0.8321	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.280803
FAL.NHK.JP.B5.05.09.03	DF	AA61JP	0.553	0.003	0.180	4.62	3	2	0.8972	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.050903
FAL.NHK.JP.B6.01.10.03	DF	AA61JP	2.46	0.013	1.289	6.38	2	6	0.4951	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	NO	low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.JP.B6.15.10.03 (should be B7?)	DF	AA61JP	2.12	0.012	0.482	1.44	2	4	0.9753	5.0, 3.401, 2.314, 1.574, 1.071, 0.728, 0.496, 0.337	1.47	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CAFFEINE															
IIVS															
A1	RF	AA61JM	390	2.008	0.440	7.52%	2	3	0.9708	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61JM	565	2.909	0.489	3.92%	3	4	0.9805	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B1-N040423A
B2	DF	AA61JM	578	2.977	0.554	4.28%	4	4	0.9817	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES		two phase dose response curve	SLS-B2-N040424A
B3	DF	AA61JM	579	2.984	0.456	2.91%	3	3	0.9762	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES		ppt in 1X C2	SLS-B3-N040506A
ECBC															
AA61NU-A1	RF	AA61NU	221	1.137	0.469	5.83%	2	3	0.9546	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61NU-B1	DF	AA61NU	1070	5.492	1.065	6.83%	1	7	0.9140	2000, 930, 433,201,93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P7
AA61NU-B2	DF	AA61NU	824	4.244	1.076	0.91%	4	4	0.9433	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P9
AA61NU-B3	DF	AA61NU	558	2.876	0.777	7.01%	4	4	0.9590	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P11
FRAME															
FAL.NHK.GW.A1.13.02.03	RF	AA61GW	340	1.753	0.189	12.28%	2	2	0.8133	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.13.02.03
FAL.NHK.GW.A2.13.02.03	DF	AA61GW	553	2.849	0.247	2.26%	3	4	0.9267	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES		DF because conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.GW.B1.27.02.04	DF	AA61GW	794	4.090	0.456	0.75%	2	2	0.9523	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES			FAL.NHK.SLS.27.02.03
FAL.NHK.GW.B3.18.03.04	DF	AA61GW	427	2.197	0.522	9.68%	3	5	0.9542	10000, 3175, 1008, 320, 102, 32.2, 10.2, 3.25	3.15	YES			FAL.NHK.SLS.18.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBAMAZEPINE															
IIVS															
A1	RF	AA61NB	NA	NA	0.575	4.51%	0	1	NA	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61NB	67.3	0.285	0.698	0.74%	1	7	0.9759	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	YES			SLS-B12-N041022B
B2	DF	AA61NB	88.3	0.374	0.609	1.12%	0	5	0.8732	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	NO	no points between 0 - 50%		SLS-B113-N041029B
B3	DF	AA61NB	57.8	0.245	0.726	1.01%	1	5	0.9378	75.0, 46.9, 29.3, 18.3, 11.4, 7.15, 4.47, 2.79	1.6	YES			SLS-B14-N041030A
B4	DF	AA61NB	66.5	0.282	0.691	8.74%	3	5	0.9237	200, 125, 78.1, 48.8, 30.5, 19.1, 11.9, 7.45	1.6	YES			SLS-B15-N041110A
ECBC															
AA61LX-A1	RF	AA61LX	40.7	0.17240	0.827	3.59%	1	4	0.9327	200, 20, 2, 0.2, 0.02, 0.002, 0.0002, 0.00002	10	RF	range finder		SLS-P19
AA61LX-B1	DF	AA61LX	56.5	0.239	0.669	1.51%	3	4	0.9784	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 1X C1	SLS-P41
AA61LX-B2	DF	AA61LX	71.9	0.304	0.693	3.27%	3	3	0.9477	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 2X C1 and 1X C1	SLS-P43
AA61LX-B3	DF	AA61LX	70.0	0.296	1.100	2.84%	2	5	0.9566	400, 186, 86.5, 40.2, 18.7, 8.71, 4.05, 1.88	2.15	YES		ppt in 2X C1 and 1X C1	SLS-P45
FRAME															
FAL.NHK.HD.A1.24.09.04	RF	AA61HD	594	2.515	0.292	5.56%	1	2	-0.5440	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.HD.B1.01.10.04	DF	AA61HD	187	0.78983	1.037	6.43%	2	5	0.9721	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.HD.B2.07.10.04	DF	AA61HD	58.2	0.24634	0.631	2.15%	4	4	0.9855	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt In 1X C1-C2	FAL.NHK.SLS.07.10.03
FAL.NHK.HD.B3.05.11.04	DF	AA61HD	71.3	0.30167	0.521	2.51%	4	4	0.9236	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt In 1X C1-C2	FAL.NHK.SLS.05.11.04
FAL.NHK.HD.B4.10.11.04	DF	AA61HD	628	2.65789	1.114	4.71%	3	5	0.9316	1000, 8870, 756, 658, 572, 497, 432, 376	1.15	YES		ppt In 1X C1-C2; ppt in 2X C1-C2	FAL.NHK.SLS.10.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CARBON TETRACHLORIDE															
IIVS															
A1	RF	AA61JK	NA	NA	0.627	0.48%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 100%		SLS-A2-N040320B
B1	DF	AA61JK	1540	10.023	0.679	3.90%	0	2	0.7803	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	SD removed highest dose from Hill analyses due to ppt and upswing in response curve; ppt in 2X C1-C8	SLS-B12-N041022B
B2	DF	AA61JK	NA	NA	0.634	6.32%	0	2	NA	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	ppt in 2X C1-C4	SLS-B113-N041029B
B3	DF	AA61JK	NA	NA	0.755	0.42%	0	1	NA	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	NO	no points between 0 - 50%	ppt in 2X C1-C4	SLS-B14-N041030A
ECBC															
AA61NZ-A1	RF	AA61NZ	NA	NA	0.844	3.30%	0	3	NA	3000, 300, 30, 3, 0.3, 0.03, 0.003, 0.0003	10	RF	range finder; no points between 0 - 50%		SLS-P13
AA61NZ-B1	DF	AA61NZ	NA	NA	0.642	0.54%	0	4	NA	4500, 3719, 3074, 2540, 2099, 1735, 1434, 1185	1.21	NO	no points between 0 - 50%	ppt in 2X C1- C5	SLS-P52
AA61NZ-B2	DF	AA61NZ	NA	NA	0.770	0.36%	NA	N/A	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	SD rejects	ppt in 2X C1-C5; chemical globules in 1X C1-C4; plate columns C6 and C7 show no cells were plated	SLS-P56
AA61NZ-B3	DF	AA61NZ	NA	NA	0.668	1.36%	6	1	NA	7000, 5785, 4781, 3951, 3266, 2699, 2230, 1843	1.21	NO	can't properly determine points between 0 - 100%	"roller coaster" toxicity curve; ppt in 2X C1-C8; outliers removed by SD	SLS-P59
FRAME															
FAL.NHK.HC.A1.25.04.04	RF	AA61HC	NA	NA	0.920	2.74%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder ; no points between 0 - 100%		FAL.NHK.SLS.25.04.04
FAL.NHK.HC.B1.11.06.04	DF	AA61HC	NA	NA	1.044	2.28%	0	8	NA	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	PC failed; no points between 0 - 50%		FAL.NHK.SLS.11.06.04
FAL.NHK.HC.B2.25.06.04	DF	AA61HC	1380	8.953	1.023	7.07%	0	2	0.8467	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%		FAL.NHK.SLS.25.06.04
FAL.NHK.HC.B3.19.08.04 nb	DF	AA61HC	NA	NA	0.419	8.26%	0	7	0.0000	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	curve unacceptable; no points between 0 - 50% would be acceptable due to 1.21 dilution	no toxicity detectedd	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.HC.B4.20.08.04	DF	AA61HC	NA	NA	0.739	2.93%	0	1	0.0000	2500, 2066, 1708, 1411, 1166, 964, 797, 658	1.21	NO	curve unacceptable; no points between 0 - 50% would be acceptable due to 1.21 dilution	no toxicity detected; outliers removed by SD	FAL.NHK.SLS.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAL HYDRATE															
IIVS															
A1	RF	AA61FJ	104	0.626	0.650	59.25%	2	1	0.9885	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference >0	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A2-N040320B
B1	DF	AA61FJ	114	0.686	0.601	3.48%	5	3	0.9882	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES			SLS-B1-N040423A
B2	DF	AA61FJ	111	0.674	0.513	0.29%	5	3	0.9904	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES		used plate sealer	SLS-B2-N040424A
B3	DF	AA61FJ	111	0.672	0.517	6.49%	3	3	0.9917	5000, 2273, 1033, 470, 213, 97.0, 44.1, 20.0	2.2	YES			SLS-B3-N040506A
ECBC															
AA61KB-A1	RF	AA61KB	NA	NA	0.268	59.01%	1	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	probable volatility problem	SLS-P6
AA61KB-B1	DF	AA61KB	170	1.027	0.553	2.62%	3	5	0.9314	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P20
AA61KB-B2	DF	AA61KB	148	0.892	0.825	2.87%	4	4	0.9619	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P22
AA61KB-B3	DF	AA61KB	103	0.62153	0.394	3.13%	4	4	0.9671	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			SLS-P24
FRAME															
FAL.NHK.LK.A1.25.03.04	RF	AA61LK	103	0.620	0.412	65.79%	2	1	0.3337	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference > 15	possible volatility problem	FAL.NHK.SLS.25.03.03
FAL.NHK.LK.B1.25.04.04	DF	AA61LK	NA	NA	0.039	12.80%	2	1	NA	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong desorb solution used in NRU; SD rejects this test		FAL.NHK.SLS.25.04.04
FAL.NHK.LK.B2.28.04.04	DF	AA61LK	142	0.860	0.825	0.16%	3	5	0.9864	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.LK.B2.11.06.04 (should be B3)	DF	AA61LK	135	0.816	0.797	3.73%	3	3	0.9586	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.LK.B4.23.06.04	DF	AA61LK	215	1.299	0.970	1.58%	3	3	0.9863	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.23.06.04
FAL.NHK.LK.B5.25.06.04	DF	AA61LK	119	0.722	0.927	2.14%	3	3	0.9801	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CHLORAMPHENICOL															
IIVS															
A2	RF	AA61GJ	355	1.099	0.801	5.41%	0	2	0.6374	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A2
B1	DF	AA61GJ	296	0.916	0.487	7.17%	2	6	0.9691	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B1
B2	DF	AA61GJ	351	1.086	0.358	5.44%	1	6	0.9165	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B2
B3	DF	AA61GJ	453	1.402	0.377	0.99%	1	5	0.93	560, 311, 173, 96, 53.3, 29.6, 16.5, 9.15	1.80	YES			SLS-B3
ECBC															
AA61JS-A1	RF	AA61JS	239	0.740	0.706	3.80%	1	7	0.8464	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P4
AA61JS-B1	DF	AA61JS	252	0.780	1.175	3.03%	2	5	0.9626	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P8
AA61JS-B2	DF	AA61JS	222	0.687	0.975	0.22%	3	5	0.9452	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P10
AA61JS-B3	DF	AA61JS	481	1.488	0.767	0.14%	2	6	0.9349	2000, 930.2, 432.7, 201.2, 93.6, 43.5, 20.2, 9.4	2.15	YES			SLS-P12
FRAME															
FAL.NHK.MU.A1.30.07.03	RF	AA61MU	232	0.718	1.246	1.87%	1	6	0.8736	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.30.07.03
FAL.NHK.MU.B1.07.08.03	DF	AA61MU	160	0.495	0.187	55.29%	5	2	0.0978	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	VC difference > 15%; low r2		FAL.NHK.SLS.07.08.03
FAL.NHK.MU.B2.15.08.03	DF	AA61MU	873	2.702	0.394	6.64%	1	2	0.6646	2500, 1163, 541, 252, 117, 54, 25, 12	2.15	NO	low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.MU.B3.23.08.03	DF	AA61MU	587	1.816	0.329	2.15%	2	3	0.8892	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.MU.B4.28.08.03	DF	AA61MU	476	1.473	0.472	15.82%	1	5	0.8489	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	% VC difference >15		FAL.NHK.SLS.280803
FAL.NHK.MU.B5.05.09.03	DF	AA61MU	473	1.464	0.171	10.94%	2	4	0.8686	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.050903
FAL.NHK.MU.B6.01.10.03	DF	AA61MU	173	0.535	1.304	7.20%	2	6	0.5745	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	low r2		FAL.NHK.SLS.01.10.03
FAL.NHK.MU.B6.15.10.03 (should be B7?)	DF	AA61MU	625	1.934	0.485	0.38%	2	5	0.9212	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.15.10.03
FAL.NHK.MU.B7.19.10.03	DF	AA61MU	916	2.835	0.164	2.34%	1	2	0.7152	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	NO	low r2		FAL.NHK.SLS.19.10.03
FAL.NHK.MU.B8.23.10.03	DF	AA61MU	362	1.120	0.249	8.70%	2	5	0.8807	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.23.10.03
FAL.NHK.MU.B9.24.10.03	DF	AA61MU	194	0.600	0.861	4.38%	3	4	0.8814	2500, 1162, 541, 251, 171, 79.6, 54.1, 25.2	2.15	YES			FAL.NHK.SLS.24.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CITRIC ACID															
IIVS															
A1	RF	AA61MH	298	1.551	0.413	4.09%	2	1	0.9217	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61MH	447	2.325	0.547	4.83%	4	4	0.9681	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B1-N040423A
B2	DF	AA61MH	407	2.121	0.562	0.18%	2	4	0.9655	10000, 4545, 2066, 939, 427, 194, 88.2, 40.1	2.2	YES			SLS-B2-N040424A
B3	DF	AA61MH	444	2.309	0.477	2.95%	2	5	0.9609	3000, 1667, 926, 514, 286, 159, 88.2, 49.0	1.8	YES		ppt in 1X C1-C2	SLS-B3-N040506A
ECBC															
AA61HH-A1	RF	AA61HH	295	1.54	0.511	3.95%	2	1	0.9327	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P1
AA61HH-B1	DF	AA61HH	557	2.900	1.160	3.05%	2	6	0.9595	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P7
AA61HH-B2	DF	AA61HH	589	3.065	1.191	1.62%	2	6	0.9588	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P9
AA61HH-B3	DF	AA61HH	433	2.252	0.740	2.11%	2	6	0.9690	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			SLS-P11
FRAME															
FA.NH.HV.A1.11.02.04 (should be RB)	RF	AA61RB	406	2.111	1.459	3.77%	2	6	0.9700	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	pH and color of 2X matches citric acid for 3T3	FAL.NHK.SLS.11.02.04
FAL.NHK.RB.A2.18.02.04	DF	AA61RB	362	1.886	0.210	4.13%	6	0	0.7857	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	NO	PC fails; no points between 50-100%	this is a definitive test since conc. series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.RB.B1.26.02.04	DF	AA61RB	348	1.809	0.183	5.10%	3	5	0.9225	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS/MO.26.02.03
FAL.NHK.RB.B2.27.02.04	DF	AA61RB	361	1.881	0.415	5.54%	4	3	0.9577	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES		ppt detected in C1-C3 at end of test	FAL.NHK.SLS.27.02.04
FAL.NHK.RB.B3.18.03.04	DF	AA61RB	288	1.501	0.361	12.24%	4	3	0.9324	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.RB.B4.19.03.04	DF	AA61RB	251	1.308	0.510	2.65%	4	4	0.9369	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
COLCHICINE															
IIVS															
A2	RF	AA61FL	3.94	0.010	0.705	0.78%	4	3	0.4952	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61FL	0.00184	0.0000046	0.384	4.49%	8	0	0.6346	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B1
B2	DF	AA61FL	0.000675	0.0000017	0.289	9.86%	8	0	0.5984	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B2
B3	DF	AA61FL	0.0000306	0.0000001	0.335	7.90%	8	0	0.3037	1.0, 0.56, 0.31, 0.17, 0.095, 0.053, 0.029, 0.016	1.8	NO	No points 50-100%; low R2		SLS-B3
B4	DF	AA61FL	0.0215	0.0000538	0.2	4.67%	5	0	0.7647	1.0, 0.313, 0.098, 0.031, 0.0095, 0.0030, 0.00093, 0.00029	3.19	NO	No points 50-100%; low R2		SLS-B4
B7	DF	AA61FL	0.000733	0.0000018	0.624	0.50%	6	2	0.06259	0.03, 0.02, 0.013, 0.0089, 0.0059, 0.0040, 0.0026, 0.0018	1.5	NO	Low R2		SLS-B7
B8* Hill function w/unconstrained bottom	DF	AA61FL	0.00507	0.0000127	0.677	4.22%	1	5	0.4741	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails	slow NHK growth; media problems	SLS-B8
B9* Hill function w/unconstrained bottom	DF	AA61FL	0.00506	0.0000127	0.598	3.21%	0	6	0.5162	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails; no points between 0 - 50%	slow NHK growth; media problems	SLS-B9
B10* Hill function w/unconstrained bottom	DF	AA61FL	NA	NA	0.44	22.49%	0	7	0.6108	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails; no points between 0 - 50%; low r2; %VC difference > 15	slow NHK growth; media problems	SLS-B10
B11* Hill function w/unconstrained bottom	DF	AA61FL	0.00609	0.0000152	0.436	4.74%	5	1	0.8455	0.1, 0.056, 0.031, 0.017, 0.0095, 0.0053, 0.0029,0.0016	1.8	NO	PC fails	slow NHK growth; media problems	SLS-B11
B12* Hill function w/unconstrained bottom	DF	AA61FL	0.00927	0.0000232	0.727	5.52%	3	3	0.7899	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES		morning (a.m.) harvest; SMT accepts this test	SLS-B12
B13* Hill function w/unconstrained bottom	DF	AA61FL	0.00892	0.0000223	0.237	1.66%	5	1	0.9513	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES		afternoon (p.m.) harvest	SLS-B13
B14* Hill function w/unconstrained bottom	DF	AA61FL	0.00617	0.0000154	0.351	8.77%	5	1	0.9223	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	YES			SLS-B14
B15* Hill function w/unconstrained bottom	DF	AA61FL	0.00571	0.0000143	0.276	4.29%	5	2	0.873	0.045, 0.030, 0.020, 0.0133, 0.0089, 0.0059, 0.0040, 0.0026	1.5	NO	PC fails		SLS-B15
ECBC															
AA61JZ-A1	RF	AA61JZ	NA	NA	0.326	23.32%	5	2	0.0097	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	low r2; couldn't calc. ICx values; range finder	range finder	SLS-P3
AA61JZ-A2	RF	AA61JZ	NA	NA	0.202	3.41%	6	2	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	NO	no r2 nor ICx values could be calculated	range finder	SLS-P5
AA61JZ-B1	DF	AA61JZ	557	1.394	0.770	0.63%	4	4	0.9016	10000, 4651.2, 2163.3, 1006.2, 468, 217.7, 101.2, 47.1	2.15	NO	PC fails		SLS-P11
AA61JZ-B2	DF	AA61JZ	817	2.045	0.099	1.01%	3	4	0.9437	10000, 4651.2, 2163.3, 1006.2, 468, 217.7, 101.2, 47.1	2.15	NO	PC fails		SLS-P13
AA61JZ-B3	DF	AA61JZ	0.017	0.00004	0.089	9.22%	1	2	0.4165	0.02140, 0.00995, 0.00463, 0.00215, 0.001, 0.00046, 0.00022, 0.0001	2.15	NO	PC fails; low r2		SLS-P13
AA61JZ-B4	DF	AA61JZ	0.012	0.00003	0.089	9.29%	2	3	0.5530	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	NO	low r2		SLS-P15
AA61JZ-B5	DF	AA61JZ	0.003	0.00001	0.884	5.21%	5	3	0.8528	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P16

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
AA61JZ-B6	DF	AA61JZ	0.011	0.00003	0.494	4.09%	3	2	0.7228	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P18
AA61JZ-B7	DF	AA61JZ	0.009	0.00002	0.687	1.01%	4	3	0.7162	0.0200, 0.0136, 0.0093, 0.0063, 0.0043, 0.0029, 0.0020, 0.0014	1.47	YES			SLS-P19
FRAME															
FAL.NHK.NW.A1.010803	RF	AA61NW	0.198	0.00050	0.305	17.20%	5	3	0.6953	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		RF	range finder	SD says toxicity biphasic; chemical may be volatile	FAL.NHK.SLS.010803
FAL.NHK.NW.B1.080803	DF	AA61NW	0.024	0.00006	0.713	705.50%	7	1	0.6233	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		NO	RF format	high background; biphasic response; determined ICx values with only 3 points	FAL.NHK.SLS.07.08.03
FAL.NHK.NW.B2.15.08.03	DF	AA61NW	1.00	0.00250	0.510	4.47%	6	1	0.5677	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001		NO	RF format; low r2	biphasic response	FAL.NHK.SLS.15.08.03
FAL.NHK.NW.B3.19.10.03	DF	AA61NW	0.008	0.00002	0.312	8.59%	4	2	0.8637	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.19.10.03
FAL.NHK.NW.B4.23.10.03	DF	AA61NW	0.007	0.00002	0.340	0.96%	4	1	0.9166	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.23.10.03
FAL.NHK.NW.B5.24.10.03	DF	AA61NW	0.008	0.00002	0.974	0.55%	4	4	0.8869	0.100, 0.047, 0.022, 0.01006, 0.00468, 0.00218, 0.00101, 0.00047		YES			FAL.NHK.SLS.24.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CUPRIC SULFATE PENTAHYDRATE															
IIVS															
A1	RF	AA61LA	NA	NA	0.643	3.80%	0	2	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A2-N040320B
B1	DF	AA61LA	213	0.854	0.646	5.61%	3	3	0.9907	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1 (homogeneous blue suspension); ppt in 1X C1-C8	SLS-B12-N041022B
B2	DF	AA61LA	199	0.797	0.583	1.02%	3	3	0.9957	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1; ppt in 1X C1-C8	SLS-B113-N041029B
B3	DF	AA61LA	208	0.833	0.675	1.17%	3	3	0.9811	750, 536, 383, 273, 195, 139, 99.6, 71.1	1.4	YES		ppt in 2X C1; ppt in 1X C1-C8	SLS-B14-N041030A
ECBC															
AA61HX-A1	RF	AA61HX	NA	NA	0.487	1.42%	0	1	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-P6
AA61HX-B1	DF	AA61HX	195	0.783	0.880	2.81%	6	1	0.9370	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P47
AA61HX-B2	DF	AA61HX	168	0.672	0.675	3.43%	6	2	0.9871	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P48
AA61HX-B3	DF	AA61HX	206	0.823	1.320	1.52%	5	3	0.9814	500, 413, 342, 282, 233, 193, 159, 132	1.21	YES			SLS-P50
FRAME															
FAL.NHK.LP.A1.20.10 .04	RF	AA61LP	8.41	0.034	0.998	4.10%	3	0	0.9793	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder ; no points between 50 - 100%	outlier removed by SD	FAL.NHK.SLS.20.10.04
FAL.NHK.LP.B1.29.10.04	DF	AA61LP	NA	NA	0.545	7.44%	0	1	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	no points between 0 - 50%		FAL.NHK.SLS.29.10.04
FAL.NHK.LP.B2.10.11.04	DF	AA61LP	189	0.756	1.026	0.20%	5	3	0.9474	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		outliers removed by SD	FAL.NHK.SLS.10.11.04
FAL.NHK.LP.B3.12.11.04	DF	AA61LP	186	0.746	0.696	6.80%	2	1	0.9794	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.12.11.04
FAL.NHK.LP.B4.17.11.04	DF	AA61LP	209	0.837	0.999	3.03%	2	1	0.9822	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
CYCLOHEXIMIDE															
IIVS															
A1	RF	AA61GL	0.0589	0.0002	0.518	2.80%	5	1	0.9832	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61GL	0.0753	0.0003	0.534	1.79%	4	3	0.9783	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B4-N040513C
B2	DF	AA61GL	0.0566	0.0002	0.499	1.72%	4	4	0.9931	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B5-N040514B
B3	DF	AA61GL	0.0822	0.0003	0.712	3.28%	4	2	0.9858	1.00, 0.455, 0.207, 0.094, 0.043, 0.019, 0.0088, 0.0040	2.2	YES			SLS-B6-N040716A
ECBC															
AA61KK-A1	RF	AA61KK	0.0441	0.0002	0.456	2.74%	6	1	0.9660	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61KK-B1	DF	AA61KK	0.0558	0.0002	0.737	3.19%	4	4	0.9741	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.0005	2.15	YES			SLS-P33
AA61KK-B2	DF	AA61KK	0.0634	0.0002	0.823	3.39%	4	4	0.9764	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P35
AA61KK-B3	DF	AA61KK	0.0401	0.0001	0.418	6.74%	5	3	0.9655	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P36
FRAME															
FAL.NHK.PF.A1.28.07.04	RF	AA61PF	0.0873	0.0003	0.042	0.79%	4	2	0.8106	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.PF.B1.12.08.04	DF	AA61PF	0.432	0.0015	0.862	1.46%	6	2	0.9511	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.PF-NB.B2.25.08.04	DF	AA61PF	0.0675	0.0002	1.104	1.57%	7	1	0.9690	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.PF.B3.20.10 .04	DF	AA61PF	0.2285	0.0010	1.179	5.59%	5	3	0.9771	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.PF.B4.29.10.04	DF	AA61PF	NA	0.0000	0.507	2.36%	8	0	0.9378	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	NO	no points between 50 - 100%	toxicity curve doesn't go above 20% viability	FAL.NHK.SLS.29.10.04
FAL.NHK.PF.B5.05.11.04	DF	AA61PF	NA	NA	0.475	3.35%	6	0	NA	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	NO	no points between 50 - 100%		FAL.NHK.SLS.05.11.04
FAL.NHK.PF.B6.12.11.04	DF	AA61PF	0.0647	0.0002	0.725	2.10%	4	4	0.9513	1.00, 0.47, 0.22, 0.10, 0.05, 0.02, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.12.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIBUTYL PHTHALATE															
IIVS															
A1	RF	AA61FD	25.2	0.090	0.684	8.39%	2	1	0.9676	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1-C2; ppt in 2X C1-C2	SLS-A3-N040331A
B1	DF	AA61FD	23.2	0.083	0.562	2.55%	5	3	0.9704	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 1X C1-C4; ppt in 2X C1-C5	SLS-B1-N040423A
B2	DF	AA61FD	22.3	0.080	0.613	1.33%	3	3	0.9866	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C5	SLS-B2-N040424A
B3	DF	AA61FD	20.6	0.074	0.515	7.46%	4	4	0.9634	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C4; ppt in 2X C1-C4	SLS-B3-N040506A
ECBC															
AA61JX-A1	RF	AA61JX	26.8	0.096	0.892	1.40%	2	2	0.9594	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-P15
AA61JX-B1	DF	AA61JX	34.0	0.122	0.957	0.03%	3	5	0.9281	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES			SLS-P46
AA61JX-B2	DF	AA61JX	19.6	0.071	0.698	0.13%	3	5	0.9518	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		ppt in 2X C2; 1X C1-C3 has small chunks-possibly chemical crystals	SLS-P49
AA61JX-B3	DF	AA61JX	31.2	0.112	1.251	5.20%	3	4	0.9461	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		chunks of chemical in 1X C1-C3; ppt in 2X C4	SLS-P51
FRAME															
FAL.NHK.MK.A1.14.05.04	RF	AA61MK	152	0.546	0.692	8.77%	1	1	0.7744	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.14.05.03
FAL.NHK.MK.B1.19.08.04 nb	DF	AA61MK	NA	NA	0.342	2.58%	8	0	0.0000	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	NO	no points between 50 - 100%	ppt in 1X C1-C8	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.MK-RB.B2.25.08.04	DF	AA61MK	17.5	0.063	0.972	4.85%	4	4	0.9053	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.MK.B3.07.10.04	DF	AA61MK	39.7	0.143	0.602	7.72%	4	4	0.9531	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C5	FAL.NHK.SLS.07.10.03
FAL.NHK.MK.B4.20.10 .04	DF	AA61MK	84.9	0.305	1.289	5.24%	3	3	0.9716	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 1X C1-C4	FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DICHLORVOS															
IIVS															
A1	RF	AA61NP	12.6	0.057	0.702	59.99%	2	1	0.9650	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A3-N040331A
B1	DF	AA61NP	12.1	0.055	0.599	10.60%	5	3	0.9934	500, 227,103, 47.0, 21.3, 9.70, 4.41, 2.00	2.2	YES			SLS-B1-N040423A
B2	DF	AA61NP	11.9	0.054	0.627	7.89%	4	3	0.9912	500, 227,103, 47.0, 21.3, 9.70, 4.41, 2.00	2.2	YES		used plate sealer	SLS-B2-N040424A
B3	DF	AA61NP	12.7	0.057	0.581	1.03%	4	2	0.9802	200, 90.9, 41.3, 18.8, 8.54, 3.88, 1.76, 0.802	2.2	YES		used plate sealer	SLS-B3-N040506A
ECBC															
AA61PZ-A1	RF	AA61PZ	NA	NA	0.532	72.53%	1	2	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P15
AA61PZ-B1(sealer)	DF	AA61PZ	8.44	0.038	0.631	6.94%	4	4	0.9304	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P32
AA61PZ-B2 (sealer)	DF	AA61PZ	10.9	0.049	0.860	3.50%	3	5	0.9861	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P34
AA61PZ-B3 (sealer)	DF	AA61PZ	6.35	0.029	0.381	4.51%	4	4	0.9428	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P36
FRAME															
FAL.NHK.HS.A1.14.05.04	RF	AA61HS	9.55	0.043	0.391	72.35%	3	0	0.4969	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; %VC difference > 0; no points between 50 - 100%	volatility problem	FAL.NHK.SLS.14.05.03
FAL.NHK.HS.B1.25.06.04	DF	AA61HS	13.2	0.060	1.094	9.37%	2	3	0.9630	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HS.B2.12.08.04	DF	AA61HS	18.9	0.085	0.677	5.08%	2	2	0.6304	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.HS.B3.19.08.04 nb	DF	AA61HS	NA	NA	0.510	1.27%	0	7	0.0466	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	NO	no points between 0 - 50%	no toxicity detected; SD removed column of data; odd toxicity curve	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.HS-RB.B4.25.08.04	DF	AA61HS	15.7	0.071	0.773	1.27%	2	1	0.6376	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.HS.B5.27.08.04	DF	AA61HS	8.35	0.038	0.506	9.96%	2	6	0.8021	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.506, 0.235	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIETHYL PHTHALATE															
IIVS															
A1	RF	AA61NX	116	0.523	0.556	0.99%	1	1	0.8983	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2	SLS-A4-N040331N
B1	DF	AA61NX	192	0.863	0.570	3.77%	3	4	0.9757	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NX	221	0.996	0.505	1.47%	3	3	0.9758	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1	SLS-B5-N040514B
B3	DF	AA61NX	155	0.695	0.790	6.15%	3	3	0.9904	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B6-N040716A
ECBC															
AA61GA-A1	RF	AA61GA	122	0.551	0.898	5.79%	1	3	0.9642	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P14
AA61GA-B1	DF	AA61GA	168	0.757	1.039	5.26%	2	4	0.9636	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P27
AA61GA-B2	DF	AA61GA	163	0.732	0.920	1.89%	3	2	0.9498	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1-C2	SLS-P29
AA61GA-B3	DF	AA61GA	190	0.854	0.776	1.33%	2	3	0.9633	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1-C2; oily	SLS-P30
FRAME															
FAL.NHK.KZ.A1.28.07.04	RF	AA61KZ	124	0.560	0.079	10.77%	1	1	0.6487	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.KZ.B1.11.08.04	DF	AA61KZ	27.7	0.125	0.765	6.15%	1	2	0.9160	2000, 930, 433, 201, 94, 44, 20, 9	2.15	YES		ppt in 2X C1-C4 and 1X C1-C4	FAL.NHK.SLS.11.08.04
FAL.NHK.KZ.B2.08.10.04	DF	AA61KZ	147	0.660	0.737	18.98%	2	5	0.9382	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	% VC difference > 15	volatility issue; incorrect solvent listed in Addendum III; SD corrected	FAL.NHK.SLS.08.10.03
FAL.NHK.KZ.B3.22.10.04	DF	AA61KZ	149	0.670	0.731	9.65%	2	4	0.9568	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.KZ.B4.28.10.04	DF	AA61KZ	37.9	0.171	0.650	11.96%	4	4	0.9425	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIGOXIN															
IIVS															
A1	RF	AA61MF	0.00075	0.0000010	0.695	0.29%	7	0	0.9294	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1 and 2X C1	SLS-A3-N040331A
B1	DF	AA61MF	0.00390	0.0000050	0.575	3.87%	3	1	0.9597	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES			SLS-B4-N040513C
B2	DF	AA61MF	0.00374	0.0000048	0.543	0.21%	3	1	0.9615	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES		outlier removed by SD	SLS-B5-N040514B
B3	DF	AA61MF	0.00431	0.0000055	0.804	1.90%	2	3	0.9848	0.020, 0.0091, 0.0041, 0.0019, 0.00085, 0.00039, 0.00018, 0.000080	2.2	YES			SLS-B6-N040716A
ECBC															
AA61PP-A1	RF	AA61PP	0.00865	0.0000111	1.002	8.88%	5	0	0.9920	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1 and 2X C1	SLS-P13
AA61PP-B1	DF	AA61PP	0.00518	0.0000066	0.864	4.37%	4	4	0.9591	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P33
AA61PP-B2	DF	AA61PP	0.00615	0.0000079	0.890	1.28%	4	4	0.9932	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P35
AA61PP-B3	DF	AA61PP	0.00481	0.0000062	0.477	0.96%	5	2	0.9770	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			SLS-P37
FRAME															
FAL.NHK.HN.A1.14.05.04	RF	AA61HN	0.00002	0.0000000	0.756	7.58%	5	0	0.9437	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	outlier removed by SD; ppt in 1X C1-C2	FAL.NHK.SLS.14.05.03
FAL.NHK.HN.B1.25.06.04	DF	AA61HN	0.00006	0.0000001	1.205	0.03%	4	3	0.9543	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HN.B2.20.08.04	DF	AA61HN	0.00006	0.0000001	0.845	3.03%	4	3	0.9762	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES		row C data removed by SD; most of wells were outliers	FAL.NHK.SLS.20.08.04
FAL.NHK.HN.B3.27.08.04	DF	AA61HN	0.00003	0.0000000	0.404	5.62%	5	3	0.9091	0.0010000, 0.0004651, 0.0002163, 0.0001006, 0.0000468, 0.0000218, 0.0000101, 0.0000047	2.15	YES			FAL.NHK.SLS.27.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIMETHYLFORMAMIDE															
IIVS															
A1	RF	AA61FN	5750	78.720	0.495	3.49%	1	1	0.8849	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FN	6180	84.544	0.553	1.90%	3	4	0.9725	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES		ppt in 1X C1	SLS-B8-N040819A
B2	DF	AA61FN	6580	89.967	0.543	5.48%	3	3	0.9801	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES		ppt in 1X C1	SLS-B9-N040820A
B3	DF	AA61FN	6430	87.919	0.544	0.29%	3	3	0.9823	15000, 10714, 7653, 5466, 3905, 2789, 1992, 1423	1.4	YES			SLS-B10-N040903A
ECBC															
AA61MW-A1	RF	AA61MW	NA	NA	0.773	5.14%	1	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		SLS-P19
AA61MW-B1	DF	AA61MW	9350	127.962	0.595	0.67%	2	4	0.9730	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P40
AA61MW-B2	DF	AA61MW	9510	130.042	0.722	1.78%	3	4	0.9847	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P42
AA61MW-B3	DF	AA61MW	9200	125.916	0.961	1.49%	2	4	0.9788	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P44
FRAME															
FAL.NHK.KF.A1.24.09.04	RF	AA61KF	1940	26.551	0.501	2.32%	1	1	0.3487	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.KF.B1.01.10.04	DF	AA61KF	7690	105.216	0.990	2.68%	1	7	0.9741	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.KF.B2.10.11.04	DF	AA61KF	7930	108.413	1.031	2.19%	1	4	0.9290	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES		ppt In 2X C1-C5	FAL.NHK.SLS.10.11.04
FAL.NHK.KF.B3.12.11.04	DF	AA61KF	6040	82.620	0.668	16.78%	1	2	0.8929	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	NO	%VC difference >15	outliers removed bySD	FAL.NHK.SLS.12.11.04
FAL.NHK.KF.B4.17.11.04	DF	AA61KF	7780	106.435	1.146	1.64%	1	2	0.9281	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES			FAL.NHK.SLS.17.11.04
FAL.NHK.KF.B5.19.11.04	DF	AA61KF	7740	105.946	0.465	5.14%	1	2	0.8514	15000, 6977, 3245, 1509, 702, 327, 152, 70.6	2.15	YES		outliers removed bySD	FAL.NHK.SLS.19.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DIQUAT DIBROMIDE MONOHYDRATE															
IIVS															
A1	RF	AA61GN	5.71	0.016	0.711	0.12%	4	2	0.9904	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61GN	4.10	0.011	0.570	1.86%	6	2	0.9823	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B4-N040513C
B2	DF	AA61GN	3.49	0.010	0.513	5.54%	6	2	0.9793	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B5-N040514B
B3	DF	AA61GN	3.92	0.011	0.652	0.15%	4	2	0.9871	100, 55.6, 30.9, 17.1, 9.53, 5.29, 2.94, 1.63	1.8	YES			SLS-B6-N040716A
ECBC															
AA61KS-A1	RF	AA61KS	3.04	0.008	0.862	7.32%	4	4	0.9730	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P14
AA61KS-B1	DF	AA61KS	3.62	0.010	0.671	2.01%	5	3	0.9904	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P33
AA61KS-B2	DF	AA61KS	4.40	0.012	0.570	0.19%	5	2	0.9601	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P34
AA61KS-B3	DF	AA61KS	2.75	0.008	0.361	4.41%	5	3	0.9603	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			SLS-P36
FRAME															
FAL.NHK.NV.A1.14.05.04	RF	AA61NV	3.88	0.011	0.640	4.87%	4	1	0.9854	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.NV.B1.12.08.04	DF	AA61NV	7.22	0.020	0.899	3.27%	6	2	0.9571	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails	row of data removed from analysis by the SD due to low cell growth	FAL.NHK.SLS.12.08.04
FAL.NHK.NV.B2.19.08.04 rb	DF	AA61NV	43.3	0.119	0.271	2.15%	4	1	0.7846	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.NV.B3.20.08.04	DF	AA61NV	6.09	0.017	0.762	8.68%	6	2	0.9750	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		row C data removed by SD; several wells were outliers	FAL.NHK.SLS.20.08.04
FAL.NHK.NV-RB.B4.25.08.04	DF	AA61NV	11.9	0.033	0.583	7.52%	5	3	0.9780	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04
FAL.NHK.NV.B5.27.08.04	DF	AA61NV	0.812	0.002	0.493	3.41%	7	0	0.8924	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	no points between 50 - 100%		FAL.NHK.SLS.27.08.04
FAL.NHK.NV.30.09.04	DF	AA61NV	2.97	0.008	0.677	0.21%	5	3	0.9830	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.30.09.03
FAL.NHK.NV.B7.07.10.04	DF	AA61NV	6.13	0.017	0.665	1.98%	4	4	0.9794	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
DISULFOTON															
IIVS															
A1	RF	AA61FC	140	0.509	0.559	3.49%	1	2	0.5182	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-A4-N040331N
B1	DF	AA61FC	176	0.641	0.619	10.61%	4	4	0.9647	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C7; visual observations of the cells are different from the NRU viability results.	SLS-B12-N041022B
B2	DF	AA61FC	133	0.486	0.566	5.12%	4	4	0.9650	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C6; ppt in 2X C1-C6;	SLS-B113-N041029B
B3	DF	AA61FC	250	0.911	0.668	3.22%	3	5	0.9138	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1-C5; ppt in 2X C1-C6;	SLS-B14-N041030A
ECBC															
AA61NY-A1	RF	AA61NY	NA	NA	0.798	10.85%	1	3	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C2	SLS-P39
AA61NY-B1	DF	AA61NY	139	0.508	0.623	2.86%	2	5	0.8924	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		ppt in 2X C1-C4	SLS-P55
AA61NY-B2a	DF	AA61NY	167	0.610	0.781	1.34%	1	6	0.8173	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES		chem. pieces C1-C4 in 96-well plate; ppt in 2X C1-C2; C1 toxicity < C2; curve rises; SD originally failed test; good toxicity curve when C1 removed by SD	SLS-P56
AA61NY-B3	DF	AA61NY	NA	NA	0.533	0.92%	0	8	NA	300, 204, 139, 94, 64, 44, 30, 20	1.47	NO	no points between 0-50%	no PRISM file generated; globules of chemical in 1X C1-C6; ppt in 2X C1-C4	SLS-P57
AA61NY-B4a	DF	AA61NY	113	0.413	0.128	6.62%	1	6	0.7376	300, 204, 139, 94, 64, 44, 30, 20	1.47	YES		chem. globules in all conc. in test plate; ppt in 2X C1-C5;C1 toxicity< C2 and C3; curve rises; SD originally failed test; good tox. curve when C1 and C2 removed by SD	SLS-P58
FRAME															
FAL.NHK.LC.A1.28.07.04	RF	AA61LC	NA	NA	0.052	15.74%	1	2	-0.3837	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.LC.B1.11.08.04	DF	AA61LC	828	3.017	0.764	7.18%	1	5	0.7436	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		ppt in C3	FAL.NHK.SLS.11.08.04
FAL.NHK.LC.B2.17.09.04	DF	AA61LC	1670	6.104	0.685	4.15%	0	7	0.8707	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 0 - 50%	ppt in C1-C4;outliers removed	FAL.NHK.SLS.17.09.04
FAL.NHK.LC.B3.08.10.04	DF	AA61LC	586	2.136	0.681	9.54%	2	6	0.8830	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1-C4; 1X C1	FAL.NHK.SLS.08.10.03
FAL.NHK.LC.B4.20.10 .04	DF	AA61LC	1010	3.678	1.071	13.87%	2	6	0.9319	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1; ppt in 1X C1-C8	FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ENDOSULFAN															
IIVS															
A1	RF	AA61HZ	0.817	0.002	0.637	37.84%	2	3	0.9532	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; %VC difference >0	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A2-N040320B
B1	DF	AA61HZ	2.66	0.007	0.690	3.49%	1	3	0.9857	50.0, 27.8, 15.4, 8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C2	SLS-B1-N040423A
B2	DF	AA61HZ	2.10	0.005	0.674	1.76%	3	2	0.9910	50.0, 27.8, 15.4, 8.57, 4.76, 2.65, 1.47, 0.817	1.8	YES		ppt in 2X C2; ppt in 1X C1	SLS-B2-N040424A
B3	DF	AA61HZ	1.80	0.004	0.554	0.89%	3	2	0.9590	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	YES			SLS-B3-N040506A
ECBC															
AA61LG-A1	RF	AA61LG	NA	NA	0.612	31.27%	2	1	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; % VC difference > 15	ppt in 2X C1 and C1	SLS-P39
AA61LG-B1(sealer)	DF	AA61LG	4.46	0.011	0.935	2.18%	0	5	0.8732	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	NO	no points between 0 - 50%		SLS-P46
AA61LG-B2 (sealer)	DF	AA61LG	4.09	0.010	1.218	0.21%	2	6	0.9121	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P51
AA61LG-B3 (sealer)	DF	AA61LG	3.00	0.007	0.613	0.94%	3	5	0.9278	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P52
AA61LG-B4 (sealer)	DF	AA61LG	3.24	0.008	0.631	4.02%	3	4	0.9089	9.00, 6.12, 4.17, 2.83, 1.93, 1.31, 0.892, 0.607	1.47	YES			SLS-P54
FRAME															
FAL.NHK.PW.A1.28.04.04	RF	AA61PW	1.79	0.004	0.592	24.69%	1	2	0.4155	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; %VC difference > 15	possible volatility problem	FAL.NHK.SLS.28.04.03
FAL.NHK.PW.B1.11.06.04	DF	AA61PW	1.05	0.003	0.953	2.52%	5	1	0.6822	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	PC failed	incorrect solvent listed; biphasic response	FAL.NHK.SLS.11.06.04
FAL.NHK.PW.B2.25.06.04	DF	AA61PW	2.19	0.005	1.109	6.72%	5	3	0.9113	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.PW.B3.17.09.04	DF	AA61PW	1.24	0.003	0.820	0.67%	5	2	0.8280	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES		outlier removed by SD	FAL.NHK.SLS.17.09.04
FAL.NHK.PW.B4.07.10.04	DF	AA61PW	0.822	0.002	0.731	4.68%	7	1	0.7929	10, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
EPINEPHRINE BITARTRATE															
IIVS															
A1	RF	AA61LT	91.2	0.274	0.637	6.28%	2	1	0.9359	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61LT	61.1	0.183	0.430	3.51%	5	3	0.9623	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1	SLS-B1-N040423A
B2	DF	AA61LT	83.8	0.251	0.562	3.01%	2	3	0.9796	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1-C2	SLS-B2-N040424A
B3	DF	AA61LT	80.0	0.240	0.513	2.26%	2	5	0.9398	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B3-N040506A
ECBC															
AA61HW-A1	RF	AA61HW	73.5	0.220	0.337	4.12%	2	0	0.6969	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 2X C1	SLS-P6
AA61HW-B1	DF	AA61HW	124	0.371	0.897	6.82%	2	2	0.8018	200, 136, 92.6, 63.0, 42.8, 29.1, 19.8, 13.5	1.47	YES			SLS-P26
AA61HW-B2	DF	AA61HW	118	0.354	0.959	3.84%	3	3	0.9373	200, 165, 137, 113, 93.3, 77.1, 63.7, 52.7	1.21	YES			SLS-P29
AA61HW-B3	DF	AA61HW	103	0.308	0.692	0.84%	4	2	0.9411	200, 165, 137, 113, 93.3, 77.1, 63.7, 52.7	1.21	YES			SLS-P31
FRAME															
FAL.NHK.RK.A1.26.03.04	RF	AA61RK	93.5	0.281	0.552	10.97%	3	0	0.7362	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	pts between 50 - 100% but several above 100% ; ppt in C1	FAL.NHK.SLS.26.03.04
FAL.NHK.RK.B1.25.04.04	DF	AA61RK	112	0.337	0.705	1.25%	3	1	0.8428	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		two "outliers" in C4 removed b SD due to low OD	FAL.NHK.SLS.25.04.04
FAL.NHK.RK.B2.28.04.04	DF	AA61RK	77.3	0.232	0.887	5.93%	4	1	0.9755	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7,	2.15	YES		two "outliers" in C4 removed by SD; no NR uptake	FAL.NHK.SLS.28.04.03
FAL.NHK.RK.B3.13.05.04	DF	AA61RK	55.8	0.168	0.606	0.81%	4	3	0.9907	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.13.05.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHANOL															
IIVS															
A1	RF	AA61FH	NA	NA	0.628	2.73%	0	1	0.4299	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A2-N040320B
B1	DF	AA61FH	7240	157.247	0.461	100.30%	3	2	0.9851	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	NO	%VC difference >15	Left VC was removed from calculations due to volatility	SLS-B8-N040819A
B2	DF	AA61FH	6430	139.502	0.509	100.04%	2	2	0.9844	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	NO	%VC difference >15	Left VC was removed from calculations due to volatility	SLS-B9-N040820A
B3	DF	AA61FH	10800	234.197	0.586	1.92%	2	3	0.9760	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	YES			SLS-B11-N040904H
B4	DF	AA61FH	9250	200.716	0.709	2.59%	1	3	0.9781	150000, 83333, 46296, 25720, 14289, 7938, 4410, 2450	1.8	YES			SLS-B10-N040903A
B5	DF	AA61FH	10700	232.050	0.627	1.78%	3	4	0.9858	50000, 31250, 19531, 12207, 7629, 4768, 2980, 1863	1.6	YES			SLS-B12-N041022B
ECBC															
AA61JU-A1	RF	AA61JU	NA	NA	0.436	7.58%	0	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61JU-B1(sealer)	DF	AA61JU	7940	172.418	0.701	3.02%	6	1	0.9000	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P28
AA61JU-B2(sealer)	DF	AA61JU	8710	189.052	0.741	5.60%	5	3	0.9616	50000, 34014, 23139, 15740, 10708, 7284, 4955, 3371	1.47	YES			SLS-P31
AA61JU-B3(sealer)	DF	AA61JU	8220	178.477	0.788	1.41%	3	4	0.9617	30000, 20408, 13883, 9444, 6425, 4371, 2973, 2023	1.47	YES			SLS-P34
FRAME															
FAL.NHK.PC.A1.25.04.04	RF	AA61PC	11800	256.792	0.646	14.49%	0	1	-0.7906	100000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.25.04.04
FAL.NHK.PC.A2.28.04.04	DF	AA61PC	9640	209.210	0.959	3.42%	2	6	0.9428	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.PC.B2.11.06.04	DF	AA61PC	11400	247.504	0.753	2.64%	1	3	0.8972	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	NO	PC failed	incorrect solvent listed	FAL.NHK.SLS.11.06.04
FAL.NHK.PC.B3.23.06.04	DF	AA61PC	14200	308.022	0.896	9.81%	1	4	0.8958	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.23.06.04
FAL.NHK.PC.B4.25.06.04	DF	AA61PC	12200	265.816	0.899	4.29%	1	3	0.8875	25000, 11628, 5408, 2516, 1170, 544, 253, 118	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
ETHYLENE GLYCOL															
IIVS															
Preliminary	RF	AA61HR	44900	723.027	0.588	4.11%	0	1	0.6185	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		Preliminary
B1	DF	AA61HR	40900	658.615	0.552	1.95%	1	2	0.9752	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B1
B2	DF	AA61HR	32200	518.519	0.734	3.50%	1	3	0.9755	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B2
B3	DF	AA61HR	43200	695.652	0.798	1.30%	1	1	0.9797	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B3
B4	DF	AA61HR	43700	703.704	0.826	4.36%	1	1	0.9780	100000, 56250, 31600, 17800, 10000, 5600, 3160, 1770	1.78	YES			SLS-B4
ECBC															
ECBC-NHK-lb-01 AA61LM-A1	RF	AA61LM	NA	NA	0.788	1.16%	0	0	-0.5039	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P2
ECBC-NHK-lb-02 AA61LM-A2	RF	AA61LM	17700	285.024	1.125	7.69%	0	1	0.9617	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	NO	No points between 10 and 50%		SLS-P3
ECBC-NHK-lb-03 AA61LM-B1	DF	AA61LM	42100	677.939	1.282	1.23%	2	2	0.9764	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	YES			SLS-P4
ECBC-NHK-lb-04 AA61LM-B2 (correction rec'd 4/30/03)	DF	AA61LM	39000	628.019	1.148	5.83%	1	2	0.9491	84869.6, 57656.0, 39168.5, 26609.0, 18076.8, 12280.4, 8342.7, 5667.6	1.47	YES			SLS-P5
ECBC-NHK-lb-05 AA61LM-B3	DF	AA61LM	44000	708.535	1.119	0.98%	0	2	0.9719	100000, 68000, 46300, 31500, 21400, 14600, 9910, 6740	1.47	NO	No points between 10 and 50%		SLS-P7
ECBC-NHK-lb-06 AA61LM-B4	DF	AA61LM	32900	529.791	0.910	3.05%	3	3	0.9383	60030, 46200, 35500, 27300, 21000, 16200, 12400, 9570	1.3	YES			SLS-P8
FRAME															
A3 1b/NHK/DF1/FAL/PD	DF	AA61PD	16.1	0.259	0.047	1.95%	5	1	0.3772	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	RF	R^2 < 0.8; PC failed; range finder	NR crystal problems; used medium not normally used	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF2/FAL/PD	DF	AA61PD	4.17	0.067	0.125	25.74%	4	1	0.1465	100, 68.02, 46.27, 31.47, 21.41, 14.56, 9.90, 6.74	1.47	NO	VC difference > 15%; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF3/FAL/PD	DF	AA61PD	NA	NA	0.140	1.78%	6	1	NA	100, 68.02, 46.27, 31.47, 21.41, 14.56, 9.90, 6.74	1.47	NO	No R^2 or ICx; PC failed	Used different medium; OD values of test wells slightly higher than bkgd. ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF4/FAL/PD	DF	AA61PD	67.1	1.081	0.920	0.29%	1	0	0.5955	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	NO	No point between 50 & 90%; R^2 < 0.8	recalc w/o outlier didn't improve fit, so outlier was not removed	A6 1b/NHK/CTR7/FAL
A10 1b/NHK/DF5/FAL/PD	DF	AA61PD	48400	779.388	1.203	10.37%	1	6	0.8164	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES		no outliers	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF6/FAL/PD	DF	AA61PD	54700	880.837	1.706	4.22%	2	2	0.8960	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DF7/FAL/PD	DF	AA61PD	33200	534.622	0.372	17.37%	1	5	0.8678	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	VC difference > 15%		A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF3/FAL/PD	DF	AA61PD	46300	745.572	0.773	12.10%	1	5	0.9074	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			1b/NHK/CTR14/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FENPROPATHRIN															
IIVS															
A1	RF	AA61HY	1.38	0.004	0.552	4.86%	3	1	0.9698	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-A1-N040317B
B1	DF	AA61HY	2.18	0.006	0.580	3.12%	5	3	0.9412	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3	SLS-B1-N040423A
B2	DF	AA61HY	1.67	0.005	0.600	4.40%	5	2	0.9440	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3	SLS-B2-N040424A
B3	DF	AA61HY	1.62	0.005	0.528	1.77%	5	2	0.9228	75.0, 34.1, 15.5, 7.04, 3.20, 1.46, 0.661, 0.301	2.2	YES		ppt in 2X C1-C3; ppt in 1X C1	SLS-B3-N040506A
ECBC															
AA61LJ-A1	RF	AA61LJ	4.46	0.013	0.569	6.52%	3	3	0.9479	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1	SLS-P2
AA61LJ-B1	DF	AA61LJ	3.71	0.0106	1.025	3.17%	8	0	0.8224	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74	1.47	NO	no points between 50 - 100%	ppt in 2X C1-C5 and 1X C1	SLS-P8
AA61LJ-B2	DF	AA61LJ	2.94	0.008	1.265	0.48%	5	3	0.9897	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3	SLS-P10
AA61LJ-B3	DF	AA61LJ	3.38	0.010	0.779	5.84%	5	3	0.9503	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3 and 1X C1	SLS-P11
AA61LJ-B4	DF	AA61LJ	4.87	0.014	0.991	1.87%	5	3	0.9448	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C3 and 1X C1	SLS-P23
FRAME															
FAL.NHK.A1.11/02/04	RF	AA61PT	5.51	0.016	1.226	1.06%	3	5	0.9610	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	C5 outliers removed by SD; ppt in 2X C1 and 1X C1-C2	FAL.NHK.SLS.11.02.04
FAL.NHK.PT.B1.26.02.04	DF	AA61PT	0.012	0.000	0.185	9.24%	8	0	0.4977	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	no points between 50-100%	ppt in 2X C1-C5 and 1X C1-C4	FAL.NHK.SLS/MO.26.02.03
FAL.NHK.PT.18.03.04 (B2 not in identifier)	DF	AA61PT	2.77	0.008	0.321	1.46%	4	1	0.7108	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES		ppt in 2X C1 and 1X C1	FAL.NHK.SLS.18.03.03
FAL.NHK.PT.B3.19.03.04	DF	AA61PT	2.37	0.007	0.587	8.52%	5	2	0.9693	50.0, 23.3, 10.8, 5.03, 2.34, 1.09, 0.51, 0.24	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.19.03.03
FAL.NHK.PT.B4.25.03.04	DF	AA61PT	1.56	0.004	0.693	8.69%	6	2	0.9644	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1 and 1X C1-C4	FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GIBBERELLIC ACID															
IIVS															
A1	RF	AA61RE	NA	NA	0.542	1.18%	0	1	0.0000	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	outlier in C7 removed by SD	SLS-A4-N040331N
B1	DF	AA61RE	2820	8.155	0.594	4.88%	1	4	0.9686	3750, 2344, 1465, 916, 572, 358, 224, 140	1.6	YES			SLS-B12-N041022B
B2	DF	AA61RE	2920	8.442	0.499	1.94%	1	2	0.9503	3750, 2679, 1913, 1367, 976, 697, 498, 356	1.4	YES			SLS-B113-N041029B
B3	DF	AA61RE	2680	7.735	0.646	1.50%	1	5	0.9492	3750, 2679, 1913, 1367, 976, 697, 498, 356	1.4	YES			SLS-B14-N041030A
ECBC															
AA61FR-A1	RF	AA61FR	NA	NA	0.958	1.55%	0	6	NA	2500, 250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder		SLS-P22
AA61FR-B1	DF	AA61FR	2470	7.136	0.689	0.27%	4	4	0.9209	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C4 and 1X C1	SLS-P49
AA61FR-B2	DF	AA61FR	3270	9.429	1.151	0.64%	3	5	0.9334	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C5	SLS-P50
AA61FR-B3	DF	AA61FR	2810	8.118	0.643	1.28%	4	4	0.9736	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C3 and 1X C1	SLS-P53
FRAME															
FAL.NHK.GY.***A1.28.07.04 (should be 11.08.04)***	RF	AA61GY	NA	NA	0.596	2.46%	0	1	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.11.08.04
FAL.NHK.GY.B1.08.10.04	DF	AA61GY	3030	8.739	0.629	2.48%	1	7	0.8918	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.GY.B2.20.10 .04	DF	AA61GY	3160	9.130	1.110	2.21%	1	2	0.9820	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.GY.B3 .22.10.04	DF	AA61GY	2630	7.594	0.641	8.86%	1	1	0.8601	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLUTETHIMIDE															
IIVS															
A1	RF	AA61NN	119	0.546	0.579	1.28%	0	1	0.9782	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-A5-N040401A
B1	DF	AA61NN	190	0.873	0.634	3.05%	4	3	0.9710	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C3	SLS-B4-N040513C
B2	DF	AA61NN	193	0.889	0.541	0.86%	4	2	0.9455	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 2X C1-C3	SLS-B5-N040514B
B3	DF	AA61NN	144	0.664	0.806	8.24%	4	4	0.9734	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES		ppt in 1X C1 and 2X C1	SLS-B6-N040716A
ECBC															
AA61FE-A1	RF	AA61FE	171	0.789	0.574	1.65%	1	6	0.9668	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P25
AA61FE-B1	DF	AA61FE	114	0.524	0.799	6.19%	3	5	0.9192	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P40
AA61FE-B2	DF	AA61FE	236	1.086	0.688	1.79%	2	1	0.9489	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P43
AA61FE-B3	DF	AA61FE	210	0.966	1.015	6.51%	3	4	0.9724	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P45
FRAME															
FAL.NHK.KY.A1.24.09.04	RF	AA61KY	200	0.922	0.492	0.10%	1	1	0.0402	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.KY.B1.01.10.04	DF	AA61KY	222	1.021	1.023	10.48%	5	3	0.8909	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.KY.B2.07.10.04	DF	AA61KY	147	0.674	0.668	1.24%	6	2	0.9631	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.KY.B3.05.11.04	DF	AA61KY	195	0.899	0.502	0.78%	3	5	0.9246	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.KY.B4.10.11.04	DF	AA61KY	167	0.771	1.009	9.60%	3	3	0.9317	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.10.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
GLYCEROL															
IIVS															
A1	RF	AA61JF	NA	NA	0.446	6.43%	0	2	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61JF	27500	298.392	0.509	14.14%	3	3	0.9818	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES			SLS-B12-N041022B
B2	DF	AA61JF	34200	371.354	0.519	9.50%	3	5	0.9761	101960, 72829, 52020, 37157, 26541, 18958, 13541, 9672	1.4	YES		130 ul of 2X doses were applied. Final conc. values adjusted in data sheets by SD; data from wells G3-G10 removed from EXCEL and PRISM analyses (by SD) since they were not dosed	SLS-B113-N041029B
B3	DF	AA61JF	25400	275.923	0.627	0.03%	3	4	0.9671	100000, 71429, 51020, 36443, 26031, 18593, 13281, 9486	1.4	YES			SLS-B14-N041030A
ECBC															
AA61HG-A1	RF	AA61HG	NA	NA	0.612	4.48%	0	7	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	no toxicity detected	SLS-P1
AA61HG-A2	RF	AA61HG	15600	168.961	0.497	3.56%	1	1	0.8792	100000, 10000, 1000, 100, 10, 1, 0.1, 0.01	10	RF	range finder		SLS-P3
AA61HG-B1	DF	AA61HG	51200	555.693	1.001	1.36%	1	3	0.9717	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			SLS-P8
AA61HG-B2	DF	AA61HG	30500	330.969	0.880	0.09%	3	5	0.9505	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P14
AA61HG-B3	DF	AA61HG	21100	229.503	0.481	14.05%	5	2	0.9533	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	YES			SLS-P16
FRAME															
FAL.NHK.RA.A1.11/02/04	RF	AA61RA	NA	NA	0.662	0.55%	0	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.11.02.04
FAL.NHK.RA.A2.18.02.04	DF	AA61RA	57300	621.996	0.180	11.45%	1	3	0.2547	100000, 68027, 46277, 31481, 21416, 14568, 9911, 6742	1.47	NO	PC fails	this is a definitive test since conc. series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.RA.B1.26.02.04	DF	AA61RA	21800	237.021	0.205	15.32%	2	1	0.9389	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS/NB.26.02.03
FAL.NHK.RA.B2.18.03.04	DF	AA61RA	8470	92.000	0.438	7.92%	4	4	0.9629	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.RA.B3.19.03.04	DF	AA61RA	23800	258.100	0.407	10.70%	2	4	0.9425	100000, 46512, 21633, 10062, 4680, 2177, 1012, 471	2.15	YES			FAL.NHK.SLS.19.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HALOPERIDOL															
IIVS															
A1	RF	AA61LW	2.86	0.008	0.589	2.46%	2	5	0.9764	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61LW	4.51	0.012	0.585	0.93%	2	5	0.9715	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B4-N040513C
B2	DF	AA61LW	3.11	0.008	0.576	4.43%	3	4	0.9736	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B5-N040514B
B3	DF	AA61LW	2.24	0.006	0.764	4.42%	3	4	0.9571	50.0, 22.7, 10.3, 4.70, 2.13, 0.970, 0.441, 0.200	2.2	YES			SLS-B6-N040716A
ECBC															
AA61JC-A1	RF	AA61JC	4.88	0.013	0.947	6.60%	2	6	0.9383	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 1X C1	SLS-P19
AA61JC-B1	DF	AA61JC	2.70	0.007	0.700	2.99%	4	3	0.9630	80.0, 37.2, 17.3, 8.05, 3.74, 1.74, 0.81, 0.38	2.15	YES			SLS-P41
AA61JC-B2	DF	AA61JC	3.66	0.010	0.687	7.99%	4	3	0.9516	40.0, 18.6, 8.65, 4.03, 1.87, 0.871, 0.405, 0.188	2.15	YES			SLS-P42
AA61JC-B3	DF	AA61JC	4.72	0.013	1.060	1.49%	4	4	0.9411	40.0, 18.6, 8.65, 4.03, 1.87, 0.871, 0.405, 0.188	2.15	YES			SLS-P44
FRAME															
FAL.NHK.PM.A1.11.08.04	RF	AA61PM	0.329	0.001	0.803	11.63%	3	3	0.8526	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 1X C1-C2	FAL.NHK.SLS.11.08.04
FAL.NHK.PM.B1.08.10.04	DF	AA61PM	4.52	0.012	0.680	14.55%	2	4	0.9665	100, 31.8, 10.1, 3.2, 1.02, 0.322, 0.102, 0.0325	3.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.PM.B2.22.10.04	DF	AA61PM	4.99	0.013	0.743	2.20%	2	5	0.9658	100, 31.8, 10.1, 3.2, 1.02, 0.322, 0.102, 0.0325	3.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.PM.B3.29.10.04	DF	AA61PM	1.64	0.004	0.629	7.30%	5	3	0.9621	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01,0.47	2.15	YES			FAL.NHK.SLS.29.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
HEXACHLOROPHENE															
IIVS															
A1	RF	AA61JN	0.025	0.00006	0.509	3.75%	2	3	0.9760	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	Due to high ppt in 2X C1-C2and 1X C1-C2; SD removed these two doses from Hill function analyses and set the bottom to 0	SLS-A1-N040317B
B1	DF	AA61JN	0.0223	0.00005	0.609	3.49%	3	3	0.9868	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B1-N040423A
B2	DF	AA61JN	0.0186	0.00005	0.611	0.44%	4	1	0.9891	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B2-N040424A
B3	DF	AA61JN	0.0227	0.00006	0.520	1.39%	3	2	0.9885	0.500, 0.227, 0.103, 0.047, 0.021, 0.010, 0.004, 0.002	2.2	YES			SLS-B3-N040506A
ECBC															
AA61ND-A1	RF	AA61ND	NA	NA	0.421	16.43%	3	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2 and 1X C1-C2	SLS-P4
AA61ND-B1	DF	AA61ND	0.0294	0.00007	0.684	6.18%	5	3	0.9590	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P21
AA61ND-B2	DF	AA61ND	0.0301	0.00007	0.891	1.12%	5	3	0.9862	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P23
AA61ND-B3	DF	AA61ND	0.0221	0.00005	0.586	1.63%	2	6	0.9707	0.200, 0.136, 0.093, 0.063, 0.043, 0.029, 0.020, 0.013	1.47	YES			SLS-P25
FRAME															
FAL.NHK.HB.A2.26.02.03	RF	AA61HB	NA	NA	0.249	7.29%	NA	NA	0.0000	NA	NA	RF	range finder	SD says ppt binds or reacts with NR;gives "nonsense" data; tox. curve goes wrong direction; ppt in 1X C1-C3	FAL.NHK.SLS/MO.26.02.03
FAL.NHK.HB.B1.18.03.04	DF	AA61HB	NA	NA	0.654	5.98%	0	0	-1.2210	0.010, 0.003, 0.001, 0.00032, 0.00010, 0.0000322, 0.0000102, 0.0000032	3.15	NO	no points between 0-100%	SD notes incorrect range used; considers 100 ug/ml as start conc. w/ dil. factor 2.15	FAL.NHK.SLS.18.03.03
FAL.NHK.HB.B2.19.03.04	DF	AA61HB	NA	NA	0.523	6.30%	0	0	-1.2210	0.010, 0.003, 0.001, 0.00032, 0.00010, 0.0000322, 0.0000102, 0.0000032	3.15	NO	no points between 0-100%	SD notes incorrect range used; considers 100 ug/ml as start conc. w/ dil. factor 2.15	FAL.NHK.SLS.19.03.03
FAL.NHK.HB.B2.25.03.04 (should be B3)	DF	AA61HB	NA	NA	0.544	7.76%	0	0	0.1438	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	curve is going in the wrong direction	Data not analysed; chem. reacts w/ NR & gives false + results in columns C1-C4; cells in first 3-4 col. incorp. large amount of dye	FAL.NHK.SLS.25.03.03
FAL.NHK.HB.B3.26.03.04 (should be B4)	DF	AA61HB	NA	NA	0.652	15.30%	0	0	-1.2210	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	curve is going in the wrong direction	Data not analysed; chem. seems to react w/ NR & gives false + results in col. C1-C4; cells in first 3-4 col. Incorp. large amount of dye; ppt in 1X C1-C2	FAL.NHK.SLS.26.03.04
FAL.NHK.HB.B4.25.04.04 (should be B5)	DF	AA61HB	0.0521	0.00013	0.850	3.86%	4	2	0.9900	1.0, 0.465, 0.216, 0.101, 0.046, 0.022, 0.010, 0.005	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.HB.B5.28.04.04 (should be B6)	DF	AA61HB	0.0619	0.00015	0.928	2.72%	4	1	0.9862	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.HB.13.05.04 (should be B7)	DF	AA61HB	NA	NA	0.603	2.36%	4	1	NA	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	NO	no points between 50-100%; SD rejects test	odd plate; looks as if the dilutions ran left to right for top three wells & right to left for bottom three.	FAL.NHK.SLS.13.05.04
FAL.NHK.HB.B7.10.06.04 (should be B8)	DF	AA61HB	0.0233	0.00006	0.922	1.93%	5	3	0.9799	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LACTIC ACID															
IIVS															
A1	RF	AA61FW	1360	15.114	0.573	1.92%	1	1	0.9351	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61FW	1260	13.976	0.552	3.33%	4	2	0.9915	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61FW	1210	13.377	0.561	10.36%	2	2	0.9868	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61FW	1470	16.344	0.458	4.02%	4	2	0.9836	5000, 3333, 2222, 1481, 988, 658, 439, 293	1.5	YES			SLS-B3-N040506A
ECBC															
AA61NL-A1	RF	AA61NL	1060	11.786	0.411	3.08%	1	1	0.8632	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P6
AA61NL-B1	DF	AA61NL	1330	14.770	0.999	0.10%	3	4	0.9731	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P26
AA61NL-B2	DF	AA61NL	1310	14.418	0.909	0.66%	3	3	0.9901	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P28
AA61NL-B3	DF	AA61NL	1230	13.658	0.824	3.46%	3	5	0.9532	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P30
FRAME															
FAL.NHK.JT.A1.25.04.04	RF	AA61JT	1880	20.863	0.777	7.41%	1	1	0.7636	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.25.04.04
FAL.NHK.JT.B1.28.04.04	DF	AA61JT	1350	15.010	0.904	0.04%	3	5	0.9767	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.JT.B2.13.05.04	DF	AA61JT	1360	15.079	0.597	1.07%	3	4	0.9702	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.13.05.04
FAL.NHK.JT.B3.10.06.04	DF	AA61JT	1250	13.879	0.670	6.11%	3	1	0.9322	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LINDANE															
IIVS															
A1	RF	AA61PJ	46.8	0.161	0.634	0.78%	1	1	0.7927	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 2x C1 and 1X C1	SLS-A3-N040331A
B1	DF	AA61PJ	15.7	0.054	0.547	10.52%	5	2	0.9540	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C3 & 2X C1-C3; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B8-N040819A
B2	DF	AA61PJ	18.0	0.062	0.582	6.00%	4	2	0.9704	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C3 & 2X C1-C2; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B9-N040820A
B3	DF	AA61PJ	13.2	0.045	0.532	6.43%	2	3	0.9626	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES		ppt in 1X C1-C4 & 2X C1-C3; SD removed top 3 doses from Hill analyses; ppts and flattening of response curve were observed	SLS-B10-N040903A
ECBC															
AA61FK-A1	RF	AA61FK	40.6	0.140	0.821	9.29%	2	2	0.8809	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2; ppt in 1X C1-C	SLS-P15
AA61FK-B1	DF	AA61FK	21.4	0.074	0.550	6.75%	5	2	0.9657	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C4;	SLS-P49
AA61FK-B2	DF	AA61FK	15.5	0.053	0.558	2.09%	5	2	0.8770	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		ppt in 2X C1-C3; ppt in 1X C1-C4	SLS-P53
AA61FK-B3	DF	AA61FK	20.3	0.070	0.619	6.30%	4	4	0.9653	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES		ppt in 2X C1-C3; ppt in 1X C1-C4	SLS-P55
FRAME															
FAL.NHK.KN.A1.14.05.04	RF	AA61KN	61.7	0.212	0.694	7.78%	2	1	0.8847	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.14.05.03
FAL.NHK.KN.B1.20.08.04	DF	AA61KN	30.8	0.106	0.752	5.39%	6	2	0.9626	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C6	FAL.NHK.SLS.20.08.04
FAL.NHK.KN.B2.29.10.04	DF	AA61KN	16.8	0.058	0.450	9.76%	7	1	0.9529	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C5	FAL.NHK.SLS.29.10.04
FAL.NHK.KN.B3.05.11.04	DF	AA61KN	21.9	0.075	0.453	7.72%	6	2	0.9894	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 1X C1-C5	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
LITHIUM I CARBONATE															
IIVS															
A2	RF	AA61RN	839	11.355	0.736	1.65%	1	0	0.9100	1000, 100, 10, 1, 0.1,0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2
B1	DF	AA61RN	524	7.092	0.364	1.54%	3	2	0.9453	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B1
B2	DF	AA61RN	519	7.024	0.26	7.33%	3	2	0.9436	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B2
B3	DF	AA61RN	571	7.728	0.315	8.55%	3	2	0.958	2000, 1333, 889, 593, 395, 263, 176, 117	1.5	YES			SLS-B3
ECBC															
AA61RR-A1	RF	AA61RR	767	10.380	0.750	3.35%	1	1	0.8957	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	range finder	SLS-P2
AA61RR-B1	DF	AA61RR	308	4.168	0.361	2.25%	6	2	0.9095	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P5
AA61RR-B2	DF	AA61RR	541	7.322	1.107	4.03%	4	4	0.9425	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P7
AA61RR-B3	DF	AA61RR	384	5.197	0.803	0.21%	5	3	0.9639	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P9
FRAME															
FAL.NHK.RM.A1.010803	RF	AA61RM	78.5	1.062	0.568	13.97%	2	5	0.7509	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.RM.B1.080803	DF	AA61RM	378	5.116	0.794	1.03%	2	6	0.8188	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		high background	FAL.NHK.SLS.08.08.03
FAL.NHK.RM.B2.15.08.03	DF	AA61RM	518	7.010	0.433	6.00%	1	4	0.8092	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			FAL.NHK.SLS.15.08.03
FAL.NHK.RM.B3.23.08.03	DF	AA61RM	478	6.469	0.614	1.71%	2	4	0.8168	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.RM.B4.05.09.03	DF	AA61RM	303	4.101	0.095	9.10%	2	2	0.5447	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	low r2		FAL.NHK.SLS.050903
FAL.NHK.RM.B5.01.10.03	DF	AA61RM	887	12.004	1.302	0.06%	1	3	0.8807	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	PC fails		FAL.NHK.SLS.01.10.03
FAL.NHK.RM.B5.15.10.03 (should be B6?)	DF	AA61RM	471	6.374	0.529	0.71%	2	6	0.2797	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	NO	low r2		FAL.NHK.SLS.15.10.03
FAL.NHK.RM.28.11.03	DF	AA61RM	561	7.592	0.153	3.93%	1	5	0.7316	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.28.11.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MEPROBAMATE															
IIVS															
A1	RF	AA61LS	507	2.322	0.431	13.02%	1	2	0.8210	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A1-N040317B
B1	DF	AA61LS	631	2.890	0.650	3.10%	3	4	0.9748	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B8-N040819A
B2	DF	AA61LS	705	3.228	0.691	2.97%	3	4	0.9666	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B9-N040820A
B3	DF	AA61LS	537	2.460	0.649	2.00%	3	3	0.9670	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B10-N040903A
ECBC															
AA61RJ-A1	RF	AA61RJ	324	1.49	0.677	2.99%	1	5	0.9463	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P2
AA61RJ-B1	DF	AA61RJ	746	3.419	1.112	0.28%	3	4	0.9663	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P8
AA61RJ-B2	DF	AA61RJ	883	4.045	1.180	2.65%	2	6	0.9767	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P10
AA61RJ-B3	DF	AA61RJ	653	2.992	0.784	1.54%	3	5	0.9321	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	YES			SLS-P11
FRAME															
FAL.NHK.HV.A1.11/02/04	RF	AA61HV	982	4.497	1.600	0.24%	1	4	0.8090	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	C8 outlier removed by SD	FAL.NHK.SLS.11.02.04
FAL.NHK.HV.A2.18/02/04	DF	AA61HV	4980	22.801	1.600	0.24%	1	4	0.4736	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	NO	PC fails	this is a definitive test since conc.series is different from A1 range finder	FAL.NHK.SLS.18.02.04
FAL.NHK.HV.B1.26/02/04	DF	AA61HV	30.8	0.141	0.254	10.02%	6	2	0.9661	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS/NB.26.02.03
FAL.NHK.HV.B2.18/03/04	DF	AA61HV	77.8	0.356	0.378	0.13%	4	4	0.9274	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.HV.B3.25.03.04	DF	AA61HV	379	1.738	0.803	0.65%	2	5	0.7687	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
MERCURY II CHLORIDE															
IIVS															
A1	RF	AA61MX	3.25	0.012	0.485	7.23%	3	0	0.9831	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	ppt in 1X C1	SLS-A1-N040317B
B1	DF	AA61MX	4.54	0.017	0.632	0.90%	4	0	0.9852	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	NO	no points between 50 - 100%		SLS-B1-N040423A
B2	DF	AA61MX	5.17	0.019	0.568	4.76%	0	2	0.9915	20.0, 12.5, 7.81, 4.88, 3.05, 1.91, 1.19, 0.745	1.6	NO	no points between 0 - 50%		SLS-B2-N040424A
B3	DF	AA61MX	5.10	0.019	0.495	6.71%	0	1	0.9819	20.0, 15.0, 11.3, 8.50, 6.39, 4.81, 3.61, 2.72	1.33	NO	no points between 0 - 50%		SLS-B3-N040506A
B4	DF	AA61MX	5.26	0.019	0.785	2.29%	2	3	0.9359	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B6-N040716A
B5	DF	AA61MX	5.44	0.020	0.715	4.31%	1	3	0.9529	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B7-N040717B
B6	DF	AA61MX	5.35	0.020	0.612	0.00%	2	2	0.9585	8.00, 7.27, 6.61, 6.01, 4.46, 4.97, 4.52, 4.11	1.1	YES			SLS-B8-N040819A
ECBC															
AA61KP-A1	RF	AA61KP	2.24	0.008	0.432	8.13%	3	1	0.9582	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	SLS-P2
AA61KP-B1	DF	AA61KP	6.95	0.026	1.076	3.04%	1	1	0.9276	10.0, 6.80, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			SLS-P8
AA61KP-B2	DF	AA61KP	7.87	0.029	1.169	3.40%	2	6	0.9666	10.0, 8.26, 6.83, 5.65, 4.67, 3.86, 3.19, 2.63	1.21	YES			SLS-P10
AA61KP-B3	DF	AA61KP	5.79	0.021	0.831	1.85%	2	5	0.9856	10.0, 8.26, 6.83, 5.65, 4.67, 3.86, 3.19, 2.63	1.21	YES			SLS-P11
FRAME															
FAL.NHK.HA.A1.11/02/04	RF	AA61HA	3.56	0.013	1.321	3.96%	3	0	0.9647	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.11.02.04
FAL.NHK.HA.B1.18.03.04	DF	AA61HA	4.66	0.017	0.486	2.93%	2	3	0.9663	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.HA.B2.19.03.04	DF	AA61HA	4.98	0.018	0.533	9.73%	2	6	0.9174	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.HA.B2.25.03.04 (should be B3)	DF	AA61HA	6.56	0.024	0.533	4.35%	2	6	0.8230	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
METHANOL															
IIVS															
A1	RF	AA61FZ	601	18.763	0.567	1.73%	1	1	0.9073	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FZ	2160	67.345	0.597	1.70%	1	7	0.8425	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B4-N040513C
B2	DF	AA61FZ	1850	57.851	0.546	2.01%	1	4	0.9223	2000, 1250, 781, 488, 305, 191, 119, 74.5	1.6	YES			SLS-B5-N040514B
B3	DF	AA61FZ	2290	71.336	0.790	3.64%	1	3	0.9218	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B6-N040716A
B4	DF	AA61FZ	NA	NA	0.707	6.86%	0	3	0.9030	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	NO	no points between 0 - 50%		SLS-B7-N040717B
ECBC															
AA61MJ-A1	RF	AA61MJ	NA	NA	0.909	0.96%	0	8	NA	2500, 250, 25, 2.5, 0.25, 0.025, 0.0025, 0.00025	10	RF	range finder; no points between 0 - 50%		SLS-P19
AA61MJ-B1	DF	AA61MJ	NA	NA	0.606	0.30%	0	4	NA	3500, 2381, 1620, 1102, 750, 510, 347, 236	1.47	NO	no points between 0 - 50%	0.02% DMSO in dosing solutions; highest stock conc. is 700,087 ug/ml	SLS-P48
AA61MJ-B2	DF	AA61MJ	NA	NA	0.759	0.65%	0	8	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 50%	no toxicity	SLS-P60
AA61MJ-B3	DF	AA61MJ	NA	NA	0.831	3.88%	0	8	NA	3500, 2893, 2391, 1976, 1633, 1349, 1115, 922	1.21	NO	no points between 0 - 50%	slight toxicity	SLS-P61
FRAME															
FAL.NHK.RG.A1.24.09.04	RF	AA61RG	635	19.829	0.632	0.55%	1	3	0.6562	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.RG.B1.01.10.04	DF	AA61RG	8610	268.725	1.078	6.69%	0	8	0.4209	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails; no points between 50-100%		FAL.NHK.SLS.01.10.04
FAL.NHK.RG.B2.07.10.04	DF	AA61RG	1360	42.297	0.649	3.62%	1	7	0.9324	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.RG.B3.22.10.04	DF	AA61RG	2170	67.812	0.809	0.56%	0	8	0.9463	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	NO	no points between 0-50%		FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.RG.B4.28.10.04	DF	AA61RG	1100	34.301	0.625	8.71%	2	1	0.9422	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.28.10.04
FAL.NHK.RG.B5.05.11.04	DF	AA61RG	938	29.262	0.467	6.43%	2	6	0.5431	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
NICOTINE															
IIVS															
A1	RF	AA61HL	143	0.881	0.498	34.80%	1	1	0.9606	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A4-N040331N
B1	DF	AA61HL	127	0.785	0.572	1.82%	4	4	0.9551	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		outlier in C6 removed by SD: used plate sealer	SLS-B4-N040513C
B2	DF	AA61HL	128	0.791	0.552	4.42%	4	4	0.9558	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B5-N040514B
B3	DF	AA61HL	79.6	0.491	0.736	1.75%	5	3	0.9593	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B6-N040716A
ECBC															
AA61NA-A1	RF	AA61NA	225	1.390	0.541	27.12%	1	2	0.8258	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem	SLS-P38
AA61NA-B1(sealer)	DF	AA61NA	69.7	0.429	0.718	4.19%	5	2	0.8884	5000, 2326, 1082, 503, 234, 109, 51, 24	2.15	YES			SLS-P40
AA61NA-B2 (sealer)	DF	AA61NA	94.2	0.581	0.680	5.37%	5	3	0.9635	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P42
AA61NA-B3 (sealer)	DF	AA61NA	119	0.734	0.871	4.38%	5	3	0.9418	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P44
FRAME															
FAL.NHK.KL.A1.11.08.04	RF	AA61KL	277	1.706	0.455	16.01%	1	1	0.5525	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.11.08.04
FAL.NHK.KL.B1.17.09.04	DF	AA61KL	553	3.412	0.487	26.34%	2	5	0.9450	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	% VC difference > 15	outlier removed by SD; possible volatility problem	FAL.NHK.SLS.17.09.04
FAL.NHK.KL.B2.30.09.04	DF	AA61KL	80	0.493	0.478	10.61%	2	2	0.4411	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	SD rejects curve	"roller coaster" curve; some low concentrations give high toxicity; SD rejects test	FAL.NHK.SLS.30.09.03
FAL.NHK.KL.B3.08.10.04	DF	AA61KL	193	1.191	0.552	19.76%	2	5	0.8957	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	NO	% VC difference > 15	volatility issue	FAL.NHK.SLS.08.10.03
FAL.NHK.KL.B4 .22.10.04	DF	AA61KL	91	0.561	0.730	2.67%	6	2	0.8631	5000, 2326, 1082, 503, 234, 109, 50.6, 23.6	2.15	YES			FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.KL.B5.29.10.04	DF	AA61KL	118	0.726	0.455	17.69%	5	3	0.9316	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	NO	% VC difference > 15		FAL.NHK.SLS.29.10.04
FAL.NHK.KL.B6.05.11.04	DF	AA61KL	224	1.380	0.376	14.23%	3	5	0.8894	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.KL.B7.12.11.04	DF	AA61KL	85.7	0.528	0.727	2.28%	5	3	0.9249	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.12.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARAQUAT															
IIVS															
A1	RF	AA61GD	84.5	0.329	0.578	2.76%	3	0	0.9874	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%		SLS-A2-N040320B
B1	DF	AA61GD	50.4	0.196	0.564	3.71%	6	2	0.9776	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B1-N040423A
B2	DF	AA61GD	59.8	0.233	0.544	0.60%	5	3	0.9719	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B2-N040424A
B3	DF	AA61GD	50.1	0.194	0.496	3.71%	6	2	0.9679	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B3-N040506A
ECBC															
AA61MP-A1	RF	AA61MP	57.0	0.222	0.407	2.19%	2	2	0.9152	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P5
AA61MP-B1	DF	AA61MP	41.4	0.161	0.597	0.17%	5	3	0.9912	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P20
AA61MP-B2	DF	AA61MP	50.7	0.197	1.009	3.67%	4	4	0.9822	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P22
AA61MP-B3	DF	AA61MP	52.7	0.205	0.528	7.61%	5	3	0.9820	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			SLS-P24
FRAME															
FAL.NHK.HP.A1.26.03.04	RF	AA61HP	74.5	0.290	0.562	6.58%	2	1	0.9098	100000, 1000, 100,10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.HP.B1.25.04.04	DF	AA61HP	57.9	0.225	0.795	3.51%	4	4	0.9828	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.HP.B2.28.04.04	DF	AA61HP	60.1	0.234	0.815	1.88%	8	0	0.9066	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50 - 100%		FAL.NHK.SLS.28.04.03
FAL.NHK.HP.B3.11.06.04	DF	AA61HP	28.1	0.109	0.790	4.43%	4	4	0.8649	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.HP.B4.23.06.04	DF	AA61HP	103	0.399	0.811	17.53%	3	3	0.9562	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	% VC difference > 15		FAL.NHK.SLS.23.06.04
FAL.NHK.HP.B5.25.06.04	DF	AA61HP	99.8	0.388	0.850	0.84%	3	2	0.9498	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HP.B6.12.08.04	DF	AA61HP	55.7	0.217	0.880	2.31%	3	5	0.9207	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.HP-RB.B7.25.08.04	DF	AA61HP	132	0.515	0.635	4.72%	2	2	0.8927	500, 233, 108, 50.3, 23.4, 10.9, 5.1, 2.4	2.15	YES			FAL.NHK.SLS-RB.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PARATHION															
IIVS															
A1	RF	AA61PS	95.7	0.329	0.684	5.51%	0	3	0.8685	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 50 - 100%	SD didn't use data from highest dose in Hill analyses due to the effects of ppts; ppt in 2X C1-C2 & 1X C1-C2	SLS-A3-N040331A
B1	DF	AA61PS	21.2	0.073	0.719	5.83%	6	2	0.9735	1000, 455, 207, 93.9, 42.7, 19.4, 8.82, 4.01	2.2	YES		ppt in 2X C1-C6; ppt in 1X C1-C4	SLS-B12-N041022B
B2	DF	AA61PS	37.8	0.130	0.656	1.73%	3	3	0.9754	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C3; ppt in 1X C1	SLS-B113-N041029B
B3	DF	AA61PS	28.1	0.097	0.752	0.68%	3	4	0.9677	100, 62.5, 39.1, 24.4, 15.3, 9.54, 5.96, 3.73	1.6	YES		ppt in 2X C1-C3; ppt in 1X C1-C2	SLS-B14-N041030A
ECBC															
AA61MD-A1	RF	AA61MD	16.0	0.055	0.846	0.38%	2	2	0.9789	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1-C2; ppt in 1X C1	SLS-P39
AA61MD-B1	DF	AA61MD	25.8	0.088	0.995	5.19%	2	3	0.9372	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES		ppt in 2X C1-C2	SLS-P47
AA61MD-B2	DF	AA61MD	45.2	0.155	1.228	1.72%	2	6	0.9633	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		chunks in1X C1; ppt in 2X C1-C3	SLS-P51
AA61MD-B3	DF	AA61MD	31.1	0.107	0.737	1.12%	3	5	0.9554	200, 93.0, 43.3, 20.1, 9.4, 4.4, 2.0, 0.9	2.15	YES		ppt in 2X C1-C3; ppt in 1X C1-C2	SLS-P53
FRAME															
FAL.NHK.KE.A1.20.10 .04	DF	AA61KE	87.1	0.299	1.237	0.40%	2	6	0.9819	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.20.10.04
FAL.NHK.KE.B1.29.10.04	DF	AA61KE	33.3	0.114	0.455	24.83%	6	2	0.9604	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	NO	%VC difference >15	ppt in 2X C1-C3; ppt in C1-C5; volatility problem	FAL.NHK.SLS.29.10.04
FAL.NHK.KE.B2.03.11.04	DF	AA61KE	18.9	0.065	0.606	8.86%	6	2	0.9440	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 1X C1-C4	FAL.NHK.SLS.03.11.04
FAL.NHK.KE.B3.10.11.04	DF	AA61KE	NA	NA	1.144	4.04%	8	0	NA	1500, 1020, 694, 472, 321, 219, 149, 101	1.47	NO	no points between 50 - 100%	ppt in 2X C1-C5; ppt in 1X C1-C7	FAL.NHK.SLS.10.11.04
FAL.NHK.KE.B4.12.11.04	DF	AA61KE	32.1	0.110	0.809	3.24%	6	2	0.9806	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C4; ppt in 1X C1-C3	FAL.NHK.SLS.12.11.04
FAL.NHK.KE.B5.17.11.04	DF	AA61KE	42.7	0.146	0.855	10.63%	5	3	0.9385	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C4	FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOBARBITAL															
IIVS															
A1	RF	AA61FG	378	1.630	0.575	0.41%	1	1	0.9186	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61FG	458	1.973	0.629	3.11%	3	4	0.9782	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 1X C1 and 2X C1	SLS-B8-N040819A
B2	DF	AA61FG	362	1.560	0.655	0.89%	3	4	0.9861	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 2X C1	SLS-B9-N040820A
B3	DF	AA61FG	322	1.387	0.623	0.79%	4	4	0.9867	2000, 1111, 617, 343, 191, 106, 58.8, 32.7	1.8	YES		ppt in 2X C1	SLS-B10-N040903A
ECBC															
AA61KV-A1	RF	AA61KV	436	1.875	0.953	0.85%	1	7	0.8831	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P56
AA61KV-B1	DF	AA61KV	569	2.450	0.593	0.65%	3	5	0.9763	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P57
AA61KV-B2	DF	AA61KV	899	3.873	0.114	1.69%	2	4	0.8199	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P58
AA61KV-B3	DF	AA61KV	611	2.631	0.831	1.41%	3	5	0.9887	3000, 1395, 649, 302, 140, 65, 30, 14	2.15	YES		ppt in 2X C1	SLS-P59
FRAME															
FAL.NHK.NJ.A1.24.09.04	RF	AA61NJ	253	1.089	0.619	11.58%	1	1	0.7751	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.NJ.B1.08.10.04	DF	AA61NJ	361	1.553	0.654	3.81%	2	6	0.9642	1500, 698, 3.25, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.NJ.B2.22.10.04	DF	AA61NJ	455	1.959	0.827	4.81%	3	4	0.9826	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.NJ.B3.28.10.04	DF	AA61NJ	264	1.135	0.683	11.67%	3	5	0.9342	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENOL															
IIVS															
A1	RF	AA61PG	34.4	0.366	0.617	98.64%	2	3	0.9801	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis by SD	SLS-A3-N040331A
B1	DF	AA61PG	79.3	0.842	0.522	2.09%	5	3	0.9749	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES			SLS-B1-N040423A
B2	DF	AA61PG	76.6	0.814	0.548	2.89%	3	3	0.9575	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		ppt in 1X C1	SLS-B2-N040424A
B3	DF	AA61PG	86.5	0.919	0.473	0.39%	4	3	0.9620	2000, 909, 413, 188, 85.4, 38.8, 17.6, 8.02	2.2	YES		used plate sealer; ppt in 1X C1-C2	SLS-B3-N040506A
ECBC															
AA61FV-A1	RF	AA61FV	NA	NA	0.421	99.34%	1	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15	volatility problem	SLS-P12
AA61FV-B1(sealer)	DF	AA61FV	62.8	0.667	0.622	8.17%	4	3	0.9585	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P32
AA61FV-B2 (sealer)	DF	AA61FV	78.5	0.834	0.668	7.31%	3	4	0.9576	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P34
AA61FV-B3 (sealer)	DF	AA61FV	36.1	0.383	0.318	2.99%	5	3	0.9402	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.7	2.15	YES			SLS-P36
FRAME															
FAL.NHK.MS.A1.14.05.04	RF	AA61MS	91.0	0.967	0.279	98.26%	3	0	0.2986	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; %VC difference > 15; no pts between 50-100%		FAL.NHK.SLS.14.05.03
FAL.NHK.MS.B1.12.08.04	DF	AA61MS	381	4.049	0.654	13.72%	1	2	0.8273	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.12.08.04
FAL.NHK.MS.B2.19.08.04 (RB)	DF	AA61MS	170	1.805	0.168	46.79%	3	1	0.4991	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails; % VC difference > 15		FAL.NHK.SLS-RB.19.08.04
FAL.NHK.MS-NB.B3.25.08.04	DF	AA61MS	86.7	0.921	1.034	8.73%	4	3	0.9822	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.08.04
FAL.NHK.MS.B4.17.09.04	DF	AA61MS	94.6	1.005	0.760	15.15%	3	4	0.9736	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES		outlier removed by SD; potential volatility problem	FAL.NHK.SLS.17.09.04
FAL.NHK.MS.B5.30.09.04	DF	AA61MS	793	8.421	0.589	5.43%	1	0	0.8202	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	no points between 50 - 100%	SD removed data from C8 due to low OD; "roller coaster" curve	FAL.NHK.SLS.30.09.03
FAL.NHK.MS.B6.07.10.04	DF	AA61MS	98.4	1.046	0.650	8.37%	4	3	0.9794	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHENYLTHIOUREA															
IIVS															
A1	RF	AA61PV	467	3.066	0.775	1.12%	1	2	0.9466	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61PV	252	1.658	0.643	1.48%	5	3	0.9786	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1	SLS-B8-N040819A
B2	DF	AA61PV	352	2.321	0.623	0.41%	4	4	0.9605	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1	SLS-B9-N040820A
B3	DF	AA61PV	213	1.401	0.654	4.04%	5	3	0.9788	2500, 1389, 772, 429, 238, 132, 73.5, 40.8	1.8	YES		ppt in 2X C1-C2	SLS-B10-N040903A
ECBC															
AA61LN-A1	RF	AA61LN	294	1.930	0.995	4.15%	1	7	0.8497	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P39
AA61LN-B1	DF	AA61LN	362	2.380	0.577	2.20%	3	2	0.9609	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P41
AA61LN-B2	DF	AA61LN	306	2.012	0.705	1.12%	3	5	0.9632	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES			SLS-P43
AA61LN-B3	DF	AA61LN	422	2.771	0.972	5.43%	3	5	0.9477	2000, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	YES		ppt in 2X C1	SLS-P45
FRAME															
FAL.NHK.JB.A1.14.05.04	RF	AA61 JB	555	3.644	0.678	3.82%	1	7	0.9193	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.JB.B1.29.10.04	DF	AA61JB	335	2.201	0.575	8.89%	3	5	0.9804	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.29.10.04
FAL.NHK.JB.B2.03.11.04	DF	AA61JB	373	2.452	0.526	0.65%	3	5	0.9615	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.03.11.04
FAL.NHK.JB.B3.05.11.04	DF	AA61JB	495	3.255	0.371	11.87%	3	1	0.8795	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PHYSOSTIGMINE															
IIVS															
A1	RF	AA61NF	136	0.494	0.555	4.16%	1	2	0.9514	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A5-N040401A
B1	DF	AA61NF	146	0.531	0.647	3.80%	4	4	0.9767	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B4-N040513C
B2	DF	AA61NF	129	0.467	0.596	5.79%	3	3	0.9845	1000, 556, 309, 171, 95.3, 52.9, 29.4, 16.3	1.8	YES			SLS-B5-N040514B
B3	DF	AA61NF	141	0.511	0.834	1.84%	3	4	0.9527	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B6-N040716A
ECBC															
AA61FT-A1	RF	AA61FT	123	0.447	0.863	2.71%	1	6	0.9452	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P38
AA61FT-B1	DF	AA61FT	158	0.575	0.691	3.04%	2	5	0.9669	700, 326, 151, 70.4, 32.8, 15.2, 7.09, 3.30	2.15	YES			SLS-P41
AA61FT-B2	DF	AA61FT	164	0.596	0.674	5.99%	2	3	0.9348	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			SLS-P43
AA61FT-B3	DF	AA61FT	169	0.612	1.001	2.86%	2	6	0.8953	300, 204, 139, 94.4, 64.2, 43.7, 29.7, 20.2	1.47	YES			SLS-P45
FRAME															
FAL.NHK.GT.A1.24.09.04	RF	AA61GT	153	0.555	0.662	6.01%	1	1	0.6638	1000, 100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GT.B1.01.10.04	DF	AA61GT	225	0.819	1.035	7.61%	2	6	0.9354	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.GT.B2.07.10.04	DF	AA61GT	107	0.387	0.508	1.13%	3	2	0.9741	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong solvent used (medium); should be DMSO; SD will retest		FAL.NHK.SLS.07.10.03
FAL.NHK.GT.B3.08.10.04	DF	AA61GT	157	0.570	0.695	5.70%	3	5	0.9843	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	wrong solvent used (medium); should be DMSO; SD will retest		FAL.NHK.SLS.08.10.03
FAL.NHK.GT.B4.20.10 .04	DF	AA61GT	470	1.706	1.324	1.47%	1	5	0.9382	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.20.10.04
FAL.NHK.GT.B5.22.10.04	DF	AA61GT	0.366	0.001	0.767	7.78%	7	1	0.9929	1000, 317, 101, 32.0, 10.2, 3.22, 1.02, 0.32	3.15	YES		reach 100% cytotoxicityat C7	FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.GT.B6.28.10.04	DF	AA61GT	167	0.605	0.596	9.68%	3	4	0.9740	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM I CHLORIDE															
IIVS															
A2	RF	AA61FF	1490	19.987	0.680	4.54	0	1	0.9413	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF			SLS-A2
B1	DF	AA61FF	2040	27.364	0.355	1.41	4	4	0.9755	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B1
B2	DF	AA61FF	2120	28.437	0.274	8.41	2	4	0.9809	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B2
B3	DF	AA61FF	1810	24.279	0.295	8.80	4	3	0.984	10000, 6667, 4444, 2963, 1975, 1317, 878, 585	1.5	YES			SLS-B3
ECBC															
AA61KM-A1	RF	AA61KM	1460	19.584	0.687	3.96	1	6	0.8761	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF		range finder	SLS-P3
AA61KM-B1	DF	AA61KM	2650	35.547	0.949	0.35	3	5	0.9297	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P7
AA61KM-B2	DF	AA61KM	2090	28.035	0.960	0.99	3	4	0.9645	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P9
AA61KM-B3	DF	AA61KM	2250	30.181	0.797	5.97	3	4	0.9805	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	NO	PC fails		SLS-P11
AA61KM-B4	DF	AA61KM	2940	39.437	0.666	2.17	3	3	0.9170	8000, 5442, 3702, 2518, 1714, 1166, 793, 539	1.47	YES			SLS-P19
FRAME															
FAL.NHK.MY.A1.010803	RF	AA61MY	1030	13.816	0.503	3.16	0	6	0.7001	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF			FAL.NHK.SLS.010803
FAL.NHK.MY.B1.080803	DF	AA61MY	1610	21.596	0.625	3.72	3	5	0.8175	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	YES		high background	FAL.NHK.SLS.08.08.03
FAL.NHK.MY.B2.15.08.03	DF	AA61MY	4760	63.850	0.250	36.21	1	2	0.2925	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	NO	% VC difference >15; low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.MY.B3.23.08.03	DF	AA61MY	1880	25.218	0.554	7.67	2	6	0.7555	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.MY.B4.28.08.04	DF	AA61MY	2860	38.364	0.385	5.19	2	6	0.8496	5000, 3401, 2313, 1574, 1070, 728, 496, 337	1.47	YES			FAL.NHK.SLS.280803
FAL.NHK.MY.B5.05.09.03	DF	AA61MY	NA	NA	0.113	NA	NA	NA	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO		curve going in wrong direction; plate reversed 180 degrees when reading?	FAL.NHK.SLS.050903
FAL.NHK.MY.B5.15.10.03 (should be B6?)	DF	AA61MY	2390	32.059	0.482	3.11	1	6	0.8444	5000, 2326, 1082, 503, 234, 109, 50.6, 23.5	2.15	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
POTASSIUM CYANIDE															
IIVS															
A1	RF	AA61KW	0.0006	0.00001	0.173	100.39%	3	0	0.7469	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 50 - 100%; % VC difference > 15	volatility problem; VC1 OD values much lower than VC2; VC1 removed from subsequent analysis bySD	SLS-A5-N040401A
B1	DF	AA61KW	NA	NA	0.656	2.12%	0	1	NA	0.100, 0.045, 0.021, 0.0094, 0.0043, 0.0019, 0.00088, 0.00040	2.2	NO	no points between 0 - 50%	used plate sealer; induced shift in response	SLS-B4-N040513C
B2	DF	AA61KW	NA	NA	0.541	1.12%	0	0	NA	0.100, 0.045, 0.021, 0.0094, 0.0043, 0.0019, 0.00088, 0.00040	2.2	NO	no points between 0 - 100%	no toxicity detected	SLS-B5-N040514B
B3	DF	AA61KW	19.2	0.295	0.670	0.68%	3	3	0.9761	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B6-N040716A
B4	DF	AA61KW	16.6	0.255	0.613	5.27%	3	3	0.9799	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B7-N040717B
B5	DF	AA61KW	14.8	0.227	0.584	5.68%	3	3	0.9770	100, 45.5, 20.7, 9.39, 4.27, 1.94, 0.882, 0.401	2.2	YES			SLS-B8-N040819A
ECBC															
AA61MN-A1	RF	AA61MN	NA	NA	0.017	103.07%	4	0	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no ponts between 50 - 100%; % VC difference > 15		SLS-P38
AA61MN-A2 (sealer)	RF	AA61MN	15.3	0.235	0.758	2.90%	2	3	0.9585	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P44
AA61MN-B1 (sealer)	DF	AA61MN	36.1	0.554	0.744	0.85%	3	4	0.9264	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P46
AA61MN-B2 (sealer)	DF	AA61MN	29.4	0.452	0.939	0.10%	3	5	0.8814	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P50
AA61MN-B3 (sealer)	DF	AA61MN	22.3	0.342	0.498	4.97%	3	2	0.9697	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P52
FRAME															
FAL.NHK.GP.A1.24.09.04	RF	AA61GP	NA	NA	0.005	87.41%	0	0	-0.0679	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GP.B1.01.10.04	DF	AA61GP	4.07	0.062	1.025	7.20%	0	6	0.2038	0.100, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	NO	PC fails; no points between 0-50%		FAL.NHK.SLS.01.10.04
FAL.NHK.B2.07.10.04	DF	AA61GP	16.4	0.251	0.331	40.76%	6	1	0.8792	5000, 1587, 504, 160, 50.8, 16.1, 5.12, 1.62	3.15	NO	%VC difference >15	volatility problems	FAL.NHK.SLS.07.10.03
FAL.NHK.GP.B3.20.10 .04	DF	AA61GP	NA	NA	1.150	0.46%	0	0	NA	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	NO	no points between 0-100%		FAL.NHK.SLS.20.10.04
FAL.NHK.GP.B4.11.11.04	DF	AA61GP	NA	NA	0.679	9.53%	6	0	NA	2000, 1361, 926, 630, 428, 291,198,135	1.47	NO	no points between 50-100%	all concentrations were toxic	FAL.NHK.SLS.10.11.04
FAL.NHK.GP.B5.17.11.04	DF	AA61GP	71.9	1.105	0.622	22.40%	5	0	0.9016	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 50-100%; %VC difference >15	outlier removed bySD	FAL.NHK.SLS.17.11.04
FAL.NHK.GP.B6.24.11.04	DF	AA61GP	53.2	0.817	0.906	10.92%	3	4	0.9588	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.24.11.04
FAL.NHK.GP.B7.26.11.04	DF	AA61GP	11.9	0.182	0.460	1.72%	3	3	0.9363	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.26.11.04
FAL.NHK.GP.B8.10.12.04	DF	AA61GP	202	3.107	0.993	1.92%	1	7	0.9318	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES		SD has little confidence in values due to chem. volatility & interaction with plate sealer	FAL.NHK.SLS(MO).10.12.04
FAL.NHK.GP.B9.10.12.04	DF	AA61GP	31.6	0.484	0.903	1.34%	2	3	0.9469	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	NO	PC fails	SD has little confidence in values due to chem. volatility & interaction with plate sealer	FAL.NHK.SLS.10.12.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROCAINAMIDE HCL															
IIVS															
A1	RF	AA61ML	3890	14.314	0.499	3.99%	0	0	0.9391	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 100%		SLS-A4-N040331N
B1	DF	AA61ML	2210	8.143	0.558	0.88%	3	2	0.9836	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B4-N040513C
B2	DF	AA61ML	1770	6.498	0.510	6.82%	4	1	0.8603	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B5-N040514B
B3	DF	AA61ML	2100	7.740	0.694	1.43%	3	2	0.9920	10000, 7519, 5653, 4251, 3196, 2403, 1807, 1358	1.33	YES			SLS-B6-N040716A
ECBC															
AA61KC-A1	RF	AA61KC	5120	18.826	0.703	1.72%	0	4	0.9439	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-P18
AA61KC-B1	DF	AA61KC	1380	5.091	0.752	4.76%	5	2	0.9773	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P32
AA61KC-B2	DF	AA61KC	1350	4.963	0.410	2.83%	4	2	0.9664	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P37
AA61KC-B3	DF	AA61KC	1710	6.277	0.647	0.26%	2	4	0.9710	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P38
FRAME															
FAL.NHK.GV.A1.28.07.04	RF	AA61GV	1330	4.884	0.055	6.80%	1	1	0.6423	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GV.B1.11.08.04	DF	AA61GV	1730	6.365	0.464	0.97%	1	1	0.9180	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GV.B2.17.09.04	DF	AA61GV	2030	7.478	0.775	4.46%	2	1	0.9417	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			FAL.NHK.SLS.17.09.04
FAL.NHK.GV.B3.07.10.04	DF	AA61GV	1600	5.885	0.613	7.61%	3	3	0.9809	5000, 3401, 2314, 1574, 1071, 728, 496, 337	1.47	YES			FAL.NHK.SLS.07.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
2-PROPANOL															
IIVS															
A2	RF	AA61GC	28100	467.554	0.731	5.06	0	4	0.6596	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
A2 with plate cover	RF	AA61GC	9820	163.394	0.556	2.40	1	1	0.8691	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3
B1	DF	AA61GC	15100	251.248	0.296	20.61	2	4	0.8006	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%		SLS-B1
B1 with plate cover	DF	AA61GC	6610	109.983	0.316	4.51	3	3	0.9817	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B1
B2	DF	AA61GC	13600	226.290	0.233	23.35	2	4	0.8	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%		SLS-B2
B2 with plate cover	DF	AA61GC	7570	125.957	0.243	9.58	2	3	0.9695	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B2
B3	DF	AA61GC	19200	319.468	0.25	26.08	0	5	0.617	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	NO	VC difference > 15%; no points 50-100%; low R2		SLS-B3
B3 with plate cover	DF	AA61GC	7080	117.804	0.313	3.69	4	4	0.9821	20000, 14286, 10204, 7289, 5206, 3719, 2656, 1897	1.4	YES			SLS-B3
ECBC															
AA61JL-A1	RF	AA61JL	NA	NA	0.726	0.28	0	5	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	no points between 0.1 - 50%; no r2 nor ICx values could be calculated	range finder	SLS-P2
AA61JL-B1	DF	AA61JL	NA	NA	0.457	63.96	6	1	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	%VC difference > 15; no r2 nor ICx values could be calculated	Volatility of largest conc contaminated VC & others	SLS-P9
AA61JL-B2	DF	AA61JL	NA	NA	0.554	35.73	4	2	NA	50000, 34014, 23139, 15740, 10707, 7284, 4955, 3370	1.47	NO	PC fails; %VC difference > 15; no r2 nor ICx values could be calculated;	Volatility of largest conc contaminated VC & others	SLS-P11
AA61JL-B3 sealer	DF	AA61JL	4610	76.705	0.646	7.33	3	4	0.9280	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P12
AA61JL-B4 sealer	DF	AA61JL	5450	90.682	0.480	2.76	2	5	0.8957	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P18
AA61JL-B5 sealer	DF	AA61JL	5730	95.341	0.582	1.85	4	3	0.9429	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	YES			SLS-P19
FRAME															
FAL.NHK.NG.A1.30.07.03	RF	AA61NG	NA	NA	1.332	1.06	0	7	0.3849	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0.1 - 50%	Little toxicity	FAL.NHK.SLS.30.07.03
FAL.NHK.NG.B1.07.08.03	DF	AA61NG	1220	20.300	0.400	5.06	3	5	0.1851	10000, 6802, 4628, 3148, 2142, 1457, 991, 674.1	1.47	NO	low r2	SD wonders if chemical is a mitotic inhibitor	FAL.NHK.SLS.07.08.03
FAL.NHK.NG.B2.15.08.03	DF	AA61NG	2390	39.767	0.474	3.95	2	1	0.6756	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	low r2		FAL.NHK.SLS.15.08.03
FAL.NHK.NG.B4.05.09.03 (plate sealer)	DF	AA61NG	21800	362.729	0.129	15.55	1	3	0.7750	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	% VC difference >15	SD provided revised file to correct data entry error	FAL.NHK.SLS.050903
FAL.NHK.NG.B5.15.10.03 plate sealer and mineral oil	DF	AA61NG	7460	124.126	0.624	3.14	1	5	0.6032	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	NO	RF format; low r2		FAL.NHK.SLS.15.10.03
FAL.NHK.NG.B6.19.10.03 plate sealer	DF	AA61NG	5850	97.338	0.262	19.17	4	3	0.9245	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	% VC difference >15		FAL.NHK.SLS.19.10.03
FAL.NHK.NG.B6.19.10.03 mineral oil	DF	AA61NG	5020	83.527	0.182	3.99	1	4	0.7943	20000, 13605, 9255, 6296, 4283, 2914, 1982, 1348	1.47	NO	Mineral oil	experimental	FAL.NHK.SLS.19.10.03
FAL.NHK.NG.B7.23.10.03 plate sealer	DF	AA61NG	2410	40.100	0.236	9.93	4	4	0.6362	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2		FAL.NHK.SLS.23.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
FAL.NHK.NG.B7.23.10.03 mineral oil	DF	AA61NG	4710	78.369	0.251	8.11	3	3	0.5306	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2		FAL.NHK.SLS.23.10.03
FAL.NHK.NG.B8.24.10.03 plate sealer	DF	AA61NG	5220	86.855	0.622	0.92	2	3	0.8150	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	YES			FAL.NHK.SLS.24.10.03
FAL.NHK.NG.B8.24.10.03 mineral oil	DF	AA61NG	4730	78.702	0.709	2.74	2	4	0.7880	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	low r2; Mineral oil	experimental	FAL.NHK.SLS.24.10.03
FAL.NHK.NG.B9.05.11.03ps plate sealer	DF	AA61NG	4590	76.373	0.561	4.88	2	1	0.8354	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.05.11.03 (revised by study director)
FAL.NHK.NG.B9.05.11.03 min oil (mineral oil)	DF	AA61NG	4480	74.542	0.564	20.01	2	2	0.7822	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	low r2; VC difference >15%; Mineral oil	experimental	FAL.NHK.SLS.05.11.03 (revised by study director)
FAL.NHK.NG.B10.07.11.03Ps plate sealer	DF	AA61NG	3010	50.083	0.243	1.37	3	1	0.7256	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	YES		challenging chemical; SMT accepts this test	FAL.NHK.SLS.07.11.03
FAL.NHK.NG.B10.07.11.03.mo (mineral oil)	DF	AA61NG	2610	43.428	0.270	5.07	2	1	0.8214	20000, 9302, 4327, 2012, 936, 435, 202, 94	2.15	NO	Mineral oil	experimental	FAL.NHK.SLS.07.11.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROPRANOLOL															
IIVS															
Preliminary	RF	AA61GU	23.1	0.078	0.606	4.44%	0	0	0.9617	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001		RF	range finder		Preliminary
B1	DF	AA61GU	29.6	0.100	0.582	4.61%	2	1	0.9576	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B1
B2	DF	AA61GU	26.9	0.091	0.764	0.61%	2	2	0.9790	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B2
B3	DF	AA61GU	25.2	0.085	1.001	0.94%	2	4	0.9652	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B3
B4	DF	AA61GU	32.7	0.111	0.907	4.02%	1	2	0.9864	100, 56.3, 31.6, 17.8, 10.0, 5.6, 3.2, 1.8		YES			SLS-B4
ECBC															
ECBC-NHK-Ib-01 AA61KH-A1	RF	AA61KH	15.8	0.053	1.006	0.13%	0	2	0.9629	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001		RF	range finder		SLS-P1
ECBC-NHK-Ib-02 AA61KH-B1	DF	AA61KH	33.1	0.112	1.153	0.37%	1	3	0.9724	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P3
ECBC-NHK-Ib-03 AA61KH-B2	DF	AA61KH	40.1	0.136	1.216	7.40%	2	1	0.9856	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P4
ECBC-NHK-Ib-04 AA61KH-B3	DF	AA61KH	41.6	0.141	1.153	5.14%	2	1	0.9683	100, 68.0, 46.3, 31.5, 21.4, 14.6, 9.91, 6.74		YES			SLS-P5
FRAME															
A1 1b/NHKRF1b/FAL/NM	RF	AA61NM	3.53	0.012	0.149	7.05%	0	3	0.8056	100, 20, 4, 0.8, 0.16, 0.032, 0.0064, 0.00128	5	RF	range finder		A1 1b/NHKCTR1/FAL/SLS
A2 1b/NHKRF2/FAL/NM	RF	AA61NM	8.66	0.029	0.475	9.32%	1	2	0.8193	100, 68.02, 46.27, 31.47, 21.40, 14.50, 9.90, 6.70	1.47	RF	range finder		A2 1b/NHKCTR2/FAL/SLS
A3 1b/NHK/DF2/FAL/NM	DF	AA61NM	24.4	0.082	0.042	11.04%	0	2	0.3257	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50%; R^2 < 0.8; PC failed	NR crystal problems; used medium not normally used; removing outlier doesn't significantly improve R2	A3 1b/NHK/CTR4/FAL/
A4 1b/NHK/DF3/FAL/NM	DF	AA61NM	1.22	0.004	0.140	15.20%	0	4	0.0680	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50% viability; R^2 < 0.8	NR crystal problems; used medium not normally used	A4 1b/NHK/CTR5/FAL
A5 1b/NHK/DF4/FAL/NM	DF	AA61NM	NA	NA	0.008	9.78%	0	0	NC	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No points between 10 & 90%; no R^2 or ICx; PC failed	NR crystal problems; used medium not normally used; OD values of test wells no different than the background ODs; negative values for VC	A5 1b/NHK/CTR6/FAL
A6 1b/NHK/DF5/FAL/NM recalculated w/o outliers	DF	AA61NM	54.0	0.183	1.686	2.60%	0	8	0.7186	30, 20.4, 13.8, 9.4, 6.42, 4.37, 2.97, 2.02	1.47	NO	No point between 10 & 50%; R^2 < 0.8	removed two outliers; didn't reach IC50	A6 1b/NHK/CTR7/FAL
A8 1b/NHK/DF7/FAL/NM	DF	AA61NM	NA	NA	1.045	2.91%	0	5	NC	50, 34.01, 23.13, 15.74, 10.70, 7.28, 4.95,3.36	1.47	NO	No point between 10 & 50%; no R^2 or ICx	PRISM couldn't do calculations; didn't reach IC50; recalc w/o outliers didn't improve curve fit, so they have not been removed	A8 1b/NHK/CTR9/FAL
A9 1b/NHK/DF8/FAL/NM	DF	AA61NM	3.21	0.011	1.026	25.70%	0	4	0.1476	50, 34.01, 23.13, 15.74, 10.70, 7.28, 4.95,3.36	1.47	NO	VC difference > 15%; no point between 10 & 50%; R^2 < 0.8; PC failed	U-shaped dose-response	A9 1b/NHK/CTR10/FAL
A10 1b/NHK/DF9/FAL/NM	DF	AA61NM	42.8	0.145	0.954	2.32%	1	3	0.5573	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	NO	R^2 < 0.8	no outliers; nonmonotonic response	A10 1b/NHK/CTR11/FAL
A11 1b/NHK/DF10/FAL/NM	DF	AA61NM	46.5	0.157	1.280	0.27%	1	2	0.8686	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES		removed 3 outliers	A11 1b/NHK/CTR12/FAL
A12 1b/NHK/DG11/FAL/NM	DF	AA61NM	26.0	0.088	0.539	6.14%	3	0	0.8391	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	NO	No point between 50 & 90%		A12 1b/NHK/CTR13/FAL/SLS
1b/NHK/DF12/FAL/NM	DF	AA61NM	43.4	0.147	0.650	5.04%	1	2	0.9265	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES			1b/NHK/CTR14/FAL/SLS
1b/NHK/DF13/FAL/NM	DF	AA61NM	41.5	0.140	0.897	2.57%	2	2	0.9555	350, 238.1, 162.0, 110.2, 75.0, 51.0, 34.7, 23.6	1.47	YES			1b/NHK/CTR15/FAL/SLS

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
PROPYLPARABEN															
IIVS															
A1	RF	AA61PX	15.0	0.083	0.719	1.51%	2	2	0.9878	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61PX	13.4	0.075	0.631	1.14%	5	3	0.9849	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B1-N040423A
B2	DF	AA61PX	15.2	0.085	0.664	3.40%	5	3	0.9935	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B2-N040424A
B3	DF	AA61PX	12.9	0.072	0.512	1.92%	4	3	0.9841	200, 111, 61.7, 34.3, 19.1, 10.6, 5.88, 3.27	1.8	YES			SLS-B3-N040506A
ECBC															
AA61PK-A1	RF	AA61PK	14.8	0.082	0.534	9.07%	2	1	0.8856	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1 and 1X C1	SLS-P5
AA61PK-B1	DF	AA61PK	20.7	0.115	0.960	0.09%	4	4	0.9856	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P27
AA61PK-B2	DF	AA61PK	15.9	0.088	1.059	0.57%	4	4	0.9647	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P29
AA61PK-B3	DF	AA61PK	17.7	0.098	0.760	0.66%	4	4	0.9877	300, 140, 64.9, 30.2, 14.0, 6.53, 3.04, 1.41	2.15	YES			SLS-P30
FRAME															
FAL.NHK.HT.A1.26.03.04	RF	AA61HT	23.4	0.130	0.486	8.29%	2	2	0.7353	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.HT.A2.25.04.04	RF	AA61HT	NA	NA	0.729	50.05%	2	2	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; wrong desorb solution used in NRU; SD rejects test	same application date and PC as HT A1	FAL.NHK.SLS.26.03.04
FAL.NHK.HT.B1.28.04.04	DF	AA61HT	20.4	0.113	1.018	5.66%	2	3	0.9749	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.HT.B2.11.06.04	DF	AA61HT	10.7	0.060	0.892	2.02%	4	4	0.9211	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.HT.B3.23.06.04	DF	AA61HT	NA	NA	0.521	99.17%	NA	NA	NA	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	NO	% VC difference > 15	no cells in VC2; no PRISM file	FAL.NHK.SLS.23.06.04
FAL.NHK.HT.B4.25.06.04	DF	AA61HT	15.3	0.085	1.063	4.00%	3	5	0.9548	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.HT.B5.20.08.04	DF	AA61HT	20.0	0.11072	0.906	0.85%	2	2	0.9443	100, 46.5, 21.6, 10.1, 4.68, 2.18, 1.01, 0.47	2.15	YES			FAL.NHK.SLS.20.08.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM ARSENITE															
IIVS															
A1	RF	AA61MV	0.581	0.004	0.393	15.03%	2	1	0.9631	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	volatile effects in VC1 and VC2	SLS-A5-N040401A
B1	DF	AA61MV	0.440	0.003	0.590	11.98%	3	1	0.9426	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		used plate sealer	SLS-B4-N040513C
B2	DF	AA61MV	0.546	0.004	0.580	1.54%	4	1	0.9724	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		plate sealer used	SLS-B5-N040514B
B3	DF	AA61MV	0.424	0.003	0.666	3.98%	3	2	0.9931	30.0, 13.6, 6.20, 2.82, 1.28, 0.582, 0.265, 0.120	2.2	YES		plate sealer used	SLS-B6-N040716A
ECBC															
AA61KA-A1	RF	AA61KA	0.506	0.004	0.850	0.23%	3	2	0.9923	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P18
AA61KA-B1	DF	AA61KA	1.05	0.008	0.822	1.69%	3	3	0.9450	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P26
AA61KA-B2	DF	AA61KA	0.764	0.006	1.005	1.85%	4	4	0.9892	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P28
AA61KA-B3	DF	AA61KA	0.555	0.004	0.801	0.43%	4	4	0.9804	8.00, 3.72, 1.73, 0.805, 0.374, 0.174, 0.081, 0.038	2.15	YES			SLS-P30
FRAME															
FAL.NHK.GS.A1.24.09.04	RF	AA61GS	0.056	0.0004	0.652	2.90%	1	3	0.9075	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.GS.B1.01.10.04	DF	AA61GS	1.07	0.008	0.961	3.18%	2	4	0.9814	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.GS.B2.07.10.04	DF	AA61GS	0.275	0.002	0.516	3.33%	5	3	0.9843	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.07.10.03
FAL.NHK.GS.B3 .22.10.04	DF	AA61GS	0.545	0.004	0.712	5.53%	4	1	0.9815	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.22.10.04 (MO)
FAL.NHK.GS.B4 .28.10.04	DF	AA61GS	0.187	0.001	0.759	3.27%	6	2	0.9854	10.0, 4.65, 2.16, 1.01, 0.47, 0.22, 0.10, 0.05	2.15	YES			FAL.NHK.SLS.28.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM CHLORIDE															
IIVS															
A1	RF	AA61PE	2100	35.999	0.630	2.05%	1	1	0.9570	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61PE	NA	NA	0.549	1.11%	0	0	NA	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	NO	no points between 0 - 100%		SLS-B4-N040513C
B2	DF	AA61PE	NA	NA	0.518	0.68%	0	2	NA	1000, 625, 391, 244, 153, 95.4, 59.6, 37.3	1.6	NO	no points between 0 - 100%	toxicity not detected	SLS-B5-N040514B
B3	DF	AA61PE	3170	54.236	0.707	4.08%	3	4	0.9471	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES		outlier removed by SD	SLS-B6-N040716A
B4	DF	AA61PE	3470	59.332	0.599	10.23%	3	5	0.9518	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES			SLS-B7-N040717B
B5	DF	AA61PE	3770	64.460	0.550	2.04%	2	3	0.9280	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	YES			SLS-B8-N040819A
ECBC															
AA61JW-A1	RF	AA61JW	2250	38.485	0.817	2.63%	1	5	0.9346	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P12
AA61JW-B1	DF	AA61JW	3730	63.869	0.949	2.37%	3	5	0.9583	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P26
AA61JW-B2	DF	AA61JW	3740	64.016	0.999	4.56%	3	4	0.9559	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P28
AA61JW-B3	DF	AA61JW	3280	56.142	0.746	0.28%	3	5	0.9504	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES			SLS-P30
FRAME															
FAL.NHK.FM.A1.14.05.04	RF	AA61FM	2330	39.837	0.715	0.68%	1	4	0.9613	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.14.05.03
FAL.NHK.FM.B1.25.06.04	DF	AA61FM	366	6.256	0.954	1.08%	1	4	0.9769	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.25.06.04
FAL.NHK.FM.B2.12.08.04	DF	AA61FM	NA	NA	0.658	6.32%	0	0	NA	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	PC fails; no points between 0 - 100%		FAL.NHK.SLS.12.08.04
FAL.NHK.FM.B3.19.08.04 nb	DF	AA61FM	NA	NA	0.397	0.95%	0	1	NA	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	NO	no points between 0 - 50%	no toxicity detected	FAL.NHK.SLS-NB.19.08.04
FAL.NHK.FM.B4.30.09.04	DF	AA61FM	NA	NA	0.558	4.48%	0	4	0.7866	2500, 930, 433, 201, 93.6, 43.5, 20.3, 9.42	2.15	NO	no points between 0 - 50%	toxicity curve begins to rise at high concentrations; maybe affecting NRU	FAL.NHK.SLS.30.09.03
FAL.NHK.FM.B5.05.11.04	DF	AA61FM	268	4.584	0.455	0.60%	1	6	0.8717	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	YES			FAL.NHK.SLS.05.11.04
FAL.NHK.FM.B3. 12.11.04 (should be B6)	DF	AA61FM	NA	NA	0.694	14.43%	0	3	NA	1000, 465, 216, 101, 46.8, 21.8, 10.1, 4.71	2.15	NO	no points between 0 - 50%	ppt in 1X C1-C4	FAL.NHK.SLS.12.11.04
FAL.NHK.FM.B7.17.11.04	DF	AA61FM	NA	NA	0.919	5.26%	0	8	NA	2000, 1527, 1165, 890, 679, 518, 396, 302	1.31	NO	no points between 0 - 50%		FAL.NHK.SLS.17.11.04
FAL.NHK.FM.B8.26.11.04	DF	AA61FM	2720	46.590	0.636	2.88%	2	6	0.9214	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			FAL.NHK.SLS.26.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM DICHROMATE DIHYDRATE															
IIVS															
A1	RF	AA61FP	0.390	0.001	0.545	2.40%	2	2	0.9955	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A4-N040331N
B1	DF	AA61FP	0.527	0.002	0.587	1.15%	3	4	0.9863	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B4-N040513C
B2	DF	AA61FP	0.511	0.002	0.522	0.67%	4	4	0.9863	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B5-N040514B
B3	DF	AA61FP	0.691	0.002	0.711	0.67%	4	4	0.9841	5.00, 2.78, 1.54, 0.857, 0.476, 0.265, 0.147, 0.082	1.8	YES			SLS-B6-N040716A
ECBC															
AA61NT-A1	RF	AA61NT	0.284	0.0010	0.542	1.94%	4	3	0.9819	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P16
AA61NT-B1	DF	AA61NT	0.781	0.003	0.837	1.68%	1	7	0.8935	1.00, 0.680, 0.463, 0.315, 0.214, 0.146, 0.099, 0.067	1.47	YES			SLS-P26
AA61NT-B2	DF	AA61NT	0.899	0.003	0.915	2.34%	2	6	0.9495	2.00, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P28
AA61NT-B3	DF	AA61NT	0.673	0.002	0.762	1.72%	3	5	0.9680	2.00, 1.361, 0.926, 0.630, 0.428, 0.291, 0.198, 0.135	1.47	YES			SLS-P30
FRAME															
FAL.NHK.HK.A1.28.07.04	RF	AA61HK	0.112	0.000	0.059	15.81%	5	3	0.7460	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.HK.***A1.28.07.04 (should be 11.08.04)***	RF	AA61HK	0.770	0.003	0.623	6.22%	1	1	0.9797	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.HK-NB.B2.25.08.04	DF	AA61HK	48.8	0.164	0.877	4.03%	1	4	0.9276	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	NO	SD rejects		FAL.NHK.SLS.25.08.04
FAL.NHK.HK.B3.03.11.04	DF	AA61HK	0.512	0.002	0.518	1.50%	1	3	0.9921	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES		solvent listed as DMSO--should be medium; SD confirmed medium was used	FAL.NHK.SLS.03.11.04
FAL.NHK.HK.B3.12.11.04 (should be B4)	DF	AA61HK	0.882	0.003	0.792	0.95%	5	3	0.9919	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.12.11.04
FAL.NHK.HK.B4.24.11.04 (should be B5)	DF	AA61HK	1.24	0.004	1.060	0.46%	1	2	0.9962	100, 31.6, 10.0, 3.17, 1.00, 0.317, 0.100, 0.0318	3.16	YES			FAL.NHK.SLS.24.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM I FLUORIDE															
IIVS															
A2	RF	AA61HF	50.2	1.196	0.624	2.61%	2	1	0.9754	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61HF	50.1	1.193	0.355	6.81%	5	1	0.9643	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B1
B2	DF	AA61HF	51.9	1.236	0.275	12.46%	5	2	0.9713	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B2
B3	DF	AA61HF	49.1	1.169	0.321	2.29%	5	3	0.9679	300, 188, 117, 73.2, 45.8, 28.6, 17.9, 11.2	1.6	YES			SLS-B3
B6	DF	AA61HF	63.8	1.519	0.56	6.98%	4	4	0.9088	150, 115, 88.8, 68.3, 52.5, 40.4, 31.1, 23.9	1.46	YES			SLS-B7
ECBC															
AA61MG-A1	RF	AA61MG	35.2	0.838	0.673	0.47%	2	3	0.9552	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	range finder	SLS-P2
AA61MG-B1	DF	AA61MG	55.0	1.310	0.359	0.67%	3	5	0.9146	1000, 300, 100, 30, 10, 3, 1, 0.3	3.33	YES			SLS-P5
AA61MG-B2	DF	AA61MG	41.3	0.984	0.855	2.57%	4	4	0.9376	150, 102.5, 69.4, 47.2, 32.1, 21.8, 14.9, 10.1	1.47	YES			SLS-P7
AA61MG-B3	DF	AA61MG	49.8	1.186	0.942	1.56%	4	4	0.9160	150, 102.5, 69.4, 47.2, 32.1, 21.8, 14.9, 10.1	1.47	YES			SLS-P9
FRAME															
FAL.NHK.RH.A1.010803	RF	AA61RH	3.94	0.094	1.113	4.56%	3	4	0.9474	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.RH.B1.080803	DF	AA61RH	28.6	0.681	0.762	0.08	1	5	0.9046	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	YES	range finder format	high background	FAL.NHK.SLS.08.08.03
FAL.NHK.RH.B2.15.08.03	DF	AA61RH	45.2	1.076	0.549	0.03	4	3	0.9257	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.15.08.03
FAL.NHK.RH.B3.01.10.03	DF	AA61RH	51.2	1.219	1.140	0.01	4	4	0.9761	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	NO	PC fails	PC fails	FAL.NHK.SLS.01.10.03
FAL.NHK.RH.B3.15.10.03 (should be B4?)	DF	AA61RH	45.3	1.079	0.531	0.01	4	3	0.9771	500, 233, 108, 50.3, 23.4, 10.9, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM HYPOCHLORITE															
IIVS															
A1	RF	AA61RD	1250	16.796	0.439	6.83%	0	2	0.9817	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A1-N040317B
B1	DF	AA61RD	1620	21.787	0.530	4.61%	4	2	0.9847	10000, 5556, 3086, 1715,953, 529, 294, 163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61RD	1460	19.642	0.571	5.89%	2	1	0.9828	10000, 5556, 3086, 1715,953, 529, 294, 163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61RD	1820	24.389	0.515	7.20%	3	3	0.9820	4000, 2857, 2041, 1458, 1041, 744, 531, 379	1.4	YES			SLS-B3-N040506A
ECBC															
AA61HE-A1	RF	AA61HE	1030	13.874	0.465	7.39%	0	1	0.8508	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P3
AA61HE-B1	DF	AA61HE	1960	26.375	0.975	3.79%	2	3	0.9309	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	YES			SLS-P7
AA61HE-B2	DF	AA61HE	2390	32.151	1.161	1.44%	2	5	0.9791	5000, 3401, 2313, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P9
AA61HE-B3	DF	AA61HE	1240	16.718	0.725	0.10%	4	3	0.9857	5000, 3401, 2313, 1574, 1071, 728, 496, 337	1.47	YES			SLS-P12
FRAME															
FAL.NHK.LU.A1.13.02.03	RF	AA61LU	955	12.829	0.077	1.41%	1	0	0.0662	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	rejected by SD due to bacterial contam. in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.LU.A2.20.02.03	DF	AA61LU	738	9.913	0.204	12.54%	6	1	0.9071	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		this is a definitive test since conc. series is different from A1 RF	FAL.NHK.SLS.20.02.03
FAL.NHK.LU.B1.27.02.04	DF	AA61LU	NA	NA	0.492	9.65%	0	0	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0-100%; wrong solvent used	used wrong solvent; should be medium instead of DMSO	FAL.NHK.SLS.27.02.03
FAL.NHK.LU.B2.19.03.04	DF	AA61LU	1120	15.073	0.437	3.51%	2	6	0.9027	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.LU.B3.25.03.04	DF	AA61LU	1870	25.130	0.628	1.58%	1	2	0.7836	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM OXALATE															
IIVS															
A1	RF	AA61GX	NA	NA	0.503	2.45%	0	2	NA	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61GX	252	1.879	0.631	2.24%	2	6	0.9647	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B12-N041022B
B2	DF	AA61GX	428	3.191	0.565	1.71%	1	5	0.8879	510, 364, 260, 186, 133, 94.8, 67.7, 48.4	1.4	YES		130 ul of 2X doses were applied. Final conc. values adjusted in data sheets bySD	SLS-B113-N041029B
B3	DF	AA61GX	400	2.985	0.669	2.53%	1	7	0.8426	500, 357, 255, 182, 130, 93.0, 66.4, 47.4	1.4	YES			SLS-B14-N041030A
ECBC															
AA61LZ-A1	RF	AA61LZ	230	1.717	0.621	2.94%	2	6	0.9507	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P20
AA61LZ-B1	DF	AA61LZ	312	2.328	0.636	0.73%	3	5	0.8613	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt in 1X C1-C3	SLS-P40
AA61LZ-B2	DF	AA61LZ	337	2.517	0.709	1.12%	2	6	0.9490	600, 408, 278, 189, 128, 87.4, 59.5, 40.5	1.47	YES		ppt in 1X C1-C2	SLS-P42
AA61LZ-B3	DF	AA61LZ	417	3.111	0.928	5.95%	1	5	0.9635	600, 408, 278, 189, 128, 87.4, 59.5, 40.5	1.47	YES		ppt in 1X C1	SLS-P44
FRAME															
FAL.NHK.RC.A1.24.09.04	RF	AA61RC	687	5.127	0.404	1.28%	2	0	0.6286	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1-C2	FAL.NHK.SLS.24.09.03
FAL.NHK.RC.B1.29.10.04	DF	AA61RC	134	1.002	0.598	5.63%	5	3	0.8555	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES		ppt In 1X C1-C5	FAL.NHK.SLS.29.10.04
FAL.NHK.RC.B2.03.11.04	DF	AA61RC	422	3.147	0.465	1.00%	1	7	0.7013	500, 340, 231, 157, 107, 72.8, 49.6, 33.7	1.47	YES			FAL.NHK.SLS.03.11.04
FAL.NHK.RC.B3.10.11.04	DF	AA61RC	384	2.863	1.082	0.92%	5	1	0.9714	2000, 1361, 926, 630, 428, 291,198,135	1.47	YES		ppt In 1X C1-C5	FAL.NHK.SLS.10.11.04
FAL.NHK.RC.B4.17.11.04	DF	AA61RC	460	3.435	1.002	2.39%	2	5	0.9280	1000, 680, 463, 315, 214, 146, 99.1, 67.4	1.47	YES			FAL.NHK.SLS.17.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
SODIUM SELENATE															
IIVS															
A2	RF	AA61FS	7.44	0.039	0.646	4.12	4	1	0.9744	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-A2
B1	DF	AA61FS	11.0	0.058	0.366	1.07	7	1	0.9841	556, 309, 172, 95.3, 53.0, 29.4, 16.3, 9.07	1.8	YES			SLS-B1
B2	DF	AA61FS	10.5	0.056	0.29	12.33	4	1	0.9854	556, 309, 172, 95.3, 53.0, 29.4, 16.3, 9.08	1.8	YES			SLS-B2
B3	DF	AA61FS	8.49	0.045	0.339	3.42	4	2	0.9763	100, 55.6, 30.9, 17.1, 9.5, 5.3, 2.94, 1.63	1.8	YES			SLS-B3
ECBC															
AA61LF-A1	RF	AA61LF	7.91	0.042	0.605	6.62	3	2	0.9431	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder	range finder	SLS-P1
AA61LF-B1	DF	AA61LF	7.99	0.042	0.361	5.82	7	1	0.9236	100, 68, 46.3, 31.5, 21.4, 14.6, 9.9, 6.7	1.47	YES			SLS-P5
AA61LF-B3	DF	AA61LF	7.95	0.042	0.890	1.82	4	3	0.9492	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P9
AA61LF-B4	DF	AA61LF	4.85	0.026	0.836	5.88	4	3	0.9845	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	NO	PC fails		SLS-P11
AA61LF-B5	DF	AA61LF	6.48	0.034	0.647	1.62	4	2	0.8997	100, 46.5, 21.6, 10.1, 4.7, 2.2, 1.0, 0.47	2.15	YES			SLS-P19
FRAME															
FAL.NHK.NS.A1.010803	RF	AA61NS	10.4	0.055	0.360	5.76	2	3	0.9256	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.010803
FAL.NHK.NS.A2.080803	RF	AA61NS	14.6	0.077	0.716	5.02	6	0	0.9642	250, 170, 116, 78.7, 53.6, 36.4, 24.8, 16.9	1.47	RF	range finder	high background	FAL.NHK.SLS.08.08.03
FAL.NHK.NS.B2.15.08.03 (should be B1)	DF	AA61NS	12.2	0.065	0.551	5.35	4	4	0.9509	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	YES		this is the first definitive test	FAL.NHK.SLS.15.08.03
FAL.NHK.NS.B2.230803	DF	AA61NS	9.34	0.049	0.490	0.47	5	3	0.9542	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	NO	PC fails		FAL.NHK.SLS.230803
FAL.NHK.NS.B3.28.08.06	DF	AA61NS	34.0	0.180	0.398	3.79	1	6	0.6981	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	NO	low r2		FAL.NHK.SLS.280803
FAL.NHK.NS.B4.05.09.03	DF	AA61NS	9.14	0.048	0.207	7.21	6	2	0.9566	75, 51.02, 34.71, 23.61, 16.06, 10.93, 7.433, 5.06	1.47	YES			FAL.NHK.SLS.050903
FAL.NHK.NS.B5.01.10.03	DF	AA61NS	7.75	0.041	1.124	6.36	6	2	0.9147	75, 51.02, 34.71, 23.61, 16.06, 10.93, 7.433, 5.06	1.47	NO	PC fails		FAL.NHK.SLS.01.10.03
FAL.NHK.NS.B5.15.10.03 (should be B6?)	DF	AA61NS	27.0	0.143	0.565	1.67	2	4	0.9272	50, 34.01, 23.14, 15.74, 10.71, 7.28, 4.96, 3.37	1.47	YES			FAL.NHK.SLS.15.10.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
STRYCHNINE															
IIVS															
A1	RF	AA61JY	67.1	0.201	0.490	3.17%	1	1	0.8475	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder	ppt in 2X C1	SLS-A5-N040401A
B1	DF	AA61JY	59.0	0.176	0.606	1.54%	2	6	0.9699	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B12-N041022B
B2	DF	AA61JY	52.7	0.158	0.598	3.50%	2	6	0.9122	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B14-N041030A
B3	DF	AA61JY	53.5	0.160	0.616	2.26%	2	6	0.9020	100, 71.4, 51.0, 36.4, 26.0, 18.6, 13.3, 9.49	1.4	YES		ppt in 2X C1	SLS-B15-N041110A
ECBC															
AA61NR-A1	RF	AA61NR	183	0.548	0.882	6.19%	1	6	0.8663	500, 50.0, 5.0, 0.50, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder		SLS-P39
AA61NR-B1	DF	AA61NR	66.5	0.199	0.878	3.32%	5	3	0.8150	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C8	SLS-P47
AA61NR-B2	DF	AA61NR	214	0.641	1.230	1.92%	2	6	0.9262	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C3	SLS-P50
AA61NR-B3	DF	AA61NR	72.3	0.216	0.593	3.86%	5	3	0.9316	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1-C5	SLS-P52
AA61NR-B4	DF	AA61NR	48.1	0.144	0.676	2.33%	6	2	0.9227	400, 272, 185, 126, 85.7, 58.3, 39.6, 27.0	1.47	YES		ppt in 2X C1	SLS-P54
FRAME															
FAL.NHK.FY.A1.24.09.04	RF	AA61FY	87.7	0.262	0.520	1.43%	1	0	-0.0136	100, 10, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.FY.B1.01.10.04	DF	AA61FY	60.3	0.180	0.965	14.61%	1	2	0.6474	125, 58.1, 27.0, 12.6, 5.85, 2.72, 1.27, 0.59	2.15	NO	PC fails		FAL.NHK.SLS.01.10.04
FAL.NHK.FY.B2.08.10.04	DF	AA61FY	83.9	0.251	0.595	2.95%	2	3	0.9088	250, 116, 54.1, 25.2, 11.7, 5.44, 2.53, 1.18	2.15	YES			FAL.NHK.SLS.08.10.03
FAL.NHK.FY.B3.29.10.04	DF	AA61FY	29.9	0.089	0.585	9.13%	4	3	0.9623	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES			FAL.NHK.SLS.29.10.04
FAL.NHK.FY.B4.05.11.04	DF	AA61FY	43.8	0.131	0.475	5.37%	4	3	0.9636	500, 232, 108, 50.3, 23.9, 10.4, 5.06, 2.35	2.15	YES		outlier removed by SD	FAL.NHK.SLS.05.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
THALLIUM I SULFATE															
IIVS															
A1	RF	AA61KJ	0.0982	0.0002	0.448	10.68%	4	0	0.9741	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 50 - 100%		SLS-A1-N040317B
B1	DF	AA61KJ	0.137	0.0003	0.574	0.51%	4	3	0.9864	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES			SLS-B1-N040423A
B2	DF	AA61KJ	0.141	0.0003	0.553	1.22%	4	2	0.9838	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES			SLS-B2-N040424A
B3	DF	AA61KJ	0.104	0.0002	0.471	0.27%	4	3	0.9906	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	YES		Mimimal to no NRU in C1-C4 although visual observatios appeared as level 2.	SLS-B3-N040506A
ECBC															
AA61PB-A1	RF	AA61PB	NA	NA	0.610	3.77%	6	1	NA	500, 50.0, 5.00, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder	ppt in 2X C1	SLS-P38
AA61PB-B1	DF	AA61PB	NA	NA	0.975	2.18%	0	8	NA	0.005, 0.00233, 0.00108, 0.0005, 0.00023, 0.00011, 0.00005, 0.00002	2.15	NO	no points between 0 - 50%		SLS-P46
AA61PB-B2	DF	AA61PB	0.313	0.0006	1.127	6.67%	2	6	0.8224	1.00, 0.465, 0.216, 0.101, 0.047, 0.022, 0.010, 0.005	2.15	YES			SLS-P50
AA61PB-B3	DF	AA61PB	0.132	0.0003	0.635	0.47%	4	4	0.9863	2.00, 0.930, 0.433, 0.201, 0.094, 0.044, 0.020, 0.009	2.15	YES		ppt in 2X C1	SLS-P52
AA61PB-B4	DF	AA61PB	0.149	0.0003	0.727	1.40%	4	4	0.9772	2.00, 0.930, 0.433, 0.201, 0.094, 0.044, 0.020, 0.009	2.15	YES			SLS-P54
FRAME															
FAL.NHK.GB.A1.13.02.03	RF	AA61GB	0.0708	0.0001	0.203	6.82%	3	3	0.6722	500, 50, 5, 0.5, 0.05, 0.005, 0.0005, 0.00005	10	RF	range finder	rejected by SD due to bacterial contam. in some of the plates in this test series	FAL.NHK.SLS.13.02.03
FAL.NHK.GB.B1.18.03.04	DF	AA61GB	0.167	0.0003	0.449	10.16%	3	2	0.9629	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.18.03.03
FAL.NHK.GB.B2.19.03.04	DF	AA61GB	0.175	0.0003	0.448	0.84%	3	5	0.9714	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.19.03.03
FAL.NHK.GB.B3.25.03.04	DF	AA61GB	0.118	0.0002	0.736	5.85%	4	3	0.9244	1.0, 0.47, 0.22, 0.10, 0.05, 0.022, 0.010, 0.0047	2.15	YES			FAL.NHK.SLS.25.03.03

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRICHLOROACETIC ACID															
IIVS															
A1	RF	AA61MR	661	4.043	0.513	1.38%	2	1	0.9403	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder	ppt in 1X C1	SLS-A4-N040331N
B1	DF	AA61MR	423	2.587	0.572	0.22%	5	2	0.9761	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B4-N040513C
B2	DF	AA61MR	423	2.587	0.665	0.91%	4	2	0.9853	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B5-N040514B
B3	DF	AA61MR	335	2.050	0.672	8.28%	3	2	0.9732	10000, 5556, 3086, 1715, 953, 529, 294, 163	1.8	YES		ppt in 1X C1-C2	SLS-B6-N040716A
ECBC															
AA61KT-A1	RF	AA61KT	348	2.132	0.561	3.44%	2	4	0.9560	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P17
AA61KT-B1	DF	AA61KT	400	2.448	0.789	0.01%	4	3	0.9754	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES			SLS-P33
AA61KT-B2	DF	AA61KT	366	2.243	0.666	4.87%	4	4	0.9886	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES			SLS-P35
AA61KT-B3	DF	AA61KT	277	1.693	0.500	0.20%	4	4	0.9697	7000, 3256, 1514, 704, 328, 152, 70.9, 33.0	2.15	YES		ppt in 1X C1	SLS-P37
FRAME															
FAL.NHK.GH.A1.28.07.04	RF	AA61GH	627	3.835	0.053	4.54%	2	1	0.8134	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.28.07.04
FAL.NHK.GH.B1.11.08.04	DF	AA61GH	649	3.970	0.507	12.88%	4	4	0.8715	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.11.08.04
FAL.NHK.GH.B2.27.08.04	DF	AA61GH	370	2.263	0.439	1.88%	4	4	0.8671	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES			FAL.NHK.SLS.27.08.04
FAL.NHK.GH.B3.17.09.04	DF	AA61GH	604	3.696	0.711	5.96%	4	4	0.9901	10000, 4651, 2163, 1006, 468, 218, 101, 47	2.15	YES		outlier removed by SD	FAL.NHK.SLS.17.09.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
1,1,1-TRICHLOROETHANE															
IIVS															
A1	RF	AA61KG	NA	NA	0.516	5.11%	0	1	NA	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder; no points between 0 - 50%		SLS-A5-N040401A
B1	DF	AA61KG	NA	NA	0.573	1.92%	0	5	-3.2450	10000, 7143, 5102, 3644, 2603, 1859, 1328, 949	1.4	NO	no points between 0 - 50%	ppt in 1X C1	SLS-B113-N041029B
B2	DF	AA61KG	NA	NA	0.677	2.29%	0	3	0.7130	12500, 8929, 6378, 4555, 3254, 2324, 1660, 1186	1.4	NO	no points between 0 - 50%	ppt in 1X C1-C3	SLS-B14-N041030A
B3	DF	AA61KG	9400	70.439	0.598	4.99%	0	2	0.8828	12500, 8929, 6378, 4555, 3254, 2324, 1660, 1186	1.4	NO	no points between 0 - 50%	ppt in 1X C1-C3; ppt in 2X C1-C4; test article was noted to form droplets and adhere to the dilution vesel; maximum plausible dose was tested.	SLS-B15-N041110A
ECBC															
AA61JV-A1(sealer)	RF	AA61JV	5300	39.702	0.614	8.77%	1	7	0.8101	10000, 1000, 100, 10, 1, 0.1, 0.01, 0.001	10	RF	range finder		SLS-P20
AA61JV-B1(sealer)	DF	AA61JV	7530	56.469	0.920	1.02%	1	6	0.9418	10000, 6803, 4628, 3148, 2142, 1457, 991, 674	1.47	YES		ppt in 2X C1-C8	SLS-P46
AA61JV-B2 (sealer)	DF	AA61JV	8710	65.285	0.674	2.11%	1	6	0.9422	10000, 8264, 6830, 5645, 4665, 3855, 3186, 2633	1.21	YES		ppt in 2X C1; 1X C1 has large globules of chemical; outlier removed by SD	SLS-P48
AA61JV-B3 (sealer)	DF	AA61JV	8170	61.208	1.119	2.10%	1	7	0.8530	10000, 8264, 6830, 5645, 4665, 3855, 3186, 2633	1.21	YES		ppt in 2X C1-C4; 1X C1 has large globules of chemical;	SLS-P51
FRAME															
FAL.NHK.PN.A1.24.09.04	RF	AA61PN	NA	NA	0.472	8.81%	0	2	NA	10000, 1000, 100, 10, 1.0, 0.1, 0.01, 0.001	10	RF	range finder		FAL.NHK.SLS.24.09.03
FAL.NHK.PN.B1.29.10.04	DF	AA61PN	NA	NA	0.543	4.83%	0	0	0.9623	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0-100%		FAL.NHK.SLS.29.10.04
FAL.NHK.PN.B2.19.11.04	DF	AA61PN	NA	NA	0.417	4.54%	0	1	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	no points between 0-50%		FAL.NHK.SLS.19.11.04
FAL.NHK.PN.B3.24.11.04	DF	AA61PN	NA	NA	1.211	2.37%	0	6	NA	10000, 4651, 2163, 1006, 468, 218, 101, 47.1	2.15	NO	no points between 0-50%	odd curve; two columns of data removed by SD (wells not seeded with cells?)	FAL.NHK.SLS.24.11.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIETHYLENEMELAMINE															
IIVS															
A1	RF	AA61MT	1.64	0.008	0.690	3.71%	1	2	0.9531	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61MT	1.66	0.008	0.543	8.55%	3	5	0.9632	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B1-N040423A
B2	DF	AA61MT	2.12	0.010	0.572	4.28%	3	3	0.9763	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B2-N040424A
B3	DF	AA61MT	2.62	0.013	0.544	3.49%	2	4	0.9730	10.0, 5.56, 3.09, 1.71, 0.953, 0.529, 0.294, 0.163	1.8	YES			SLS-B3-N040506A
ECBC															
AA61GE-A1	RF	AA61GE	0.791	0.004	0.881	0.27%	0	7	0.9461	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-P13
AA61GE-B1	DF	AA61GE	1.33	0.007	0.642	6.27%	2	6	0.8577	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P21
AA61GE-B2	DF	AA61GE	2.77	0.014	0.979	1.34%	1	6	0.9306	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P23
AA61GE-B3	DF	AA61GE	0.964	0.005	0.561	1.05%	2	6	0.9283	5.00, 2.33, 1.08, 0.503, 0.234, 0.109, 0.051, 0.024	2.15	YES			SLS-P25
FRAME															
FAL.NHK.LB.A1.26.03.04	RF	AA61LB	1.13	0.006	0.805	2.56%	1	1	0.8822	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		FAL.NHK.SLS.26.03.04
FAL.NHK.LB.B1.25.04.04	DF	AA61LB	2.37	0.012	0.846	8.90%	1	3	0.9664	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.LB.B2.28.04.04	DF	AA61LB	2.22	0.011	0.851	4.98%	3	4	0.8151	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.LB.B3.11.06.04	DF	AA61LB	2.18	0.011	0.975	1.63%	3	4	0.9221	10.0, 6.8, 4.63, 3.15, 2.14, 1.46, 0.99, 0.67	1.47	NO	PC failed		FAL.NHK.SLS.11.06.04
FAL.NHK.LB.B4.25.06.04	DF	AA61LB	1.49	0.007	1.155	0.33%	1	6	0.8420	10.0, 4.65, 2.16, 1.01, 0.468, 0.218, 0.101, 0.047	2.15	YES			FAL.NHK.SLS.25.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
TRIPHENYLTIN HYDROXIDE															
IIVS															
A1	RF	AA61JR	0.013	0.00004	0.729	1.45%	2	1	0.9887	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61JR	0.015	0.00004	0.602	4.32%	2	0	0.9758	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	NO	no points between 50 - 100%		SLS-B1-N040423A
B2	DF	AA61JR	0.015	0.00004	0.630	3.36%	2	0	0.9907	1.00, 0.556, 0.309, 0.171, 0.095, 0.053, 0.029, 0.016	1.8	NO	no points between 50 - 100%		SLS-B2-N040424A
B3	DF	AA61JR	0.012	0.00003	0.485	9.45%	3	2	0.9779	0.067, 0.045, 0.030, 0.020, 0.0132, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B3-N040506A
B4	DF	AA61JR	0.012	0.00003	0.658	0.37%	4	3	0.9917	0.067, 0.045, 0.030, 0.020, 0.013, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B8-N040819A
B5	DF	AA61JR	0.014	0.00004	0.610	0.07%	3	4	0.9907	0.067, 0.045, 0.030, 0.020, 0.013, 0.0088, 0.0059, 0.0039	1.5	YES			SLS-B9-N040820A
ECBC															
AA61LL-A1	RF	AA61LL	0.015	0.00004	0.542	3.67%	0	2	0.9880	10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder		SLS-P5
AA61LL-B1	DF	AA61LL	0.021	0.00006	1.065	0.78%	4	4	0.9633	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P22
AA61LL-B2	DF	AA61LL	0.015	0.00004	0.599	0.01%	4	3	0.9832	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P25
AA61LL-B3	DF	AA61LL	0.029	0.00008	0.987	5.68%	3	4	0.9754	0.080, 0.054, 0.037, 0.025, 0.017, 0.012, 0.008, 0.005	1.47	YES			SLS-P27
FRAME															
FAL.NHK.GG.A1.26.03.04	RF	AA61GG	0.010	0.00003	0.616	6.20%	2	0	0.8151	10.0, 1.0, 0.1, 0.01, 0.001, 0.0001, 0.00001, 0.000001	10	RF	range finder	ppt in 1X C1	FAL.NHK.SLS.26.03.04
FAL.NHK.GG.A2.25.04.04	DF	AA61GG	NA	NA	0.052	12.10%	2	6	NA	0.1, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	NO	wrong desorb solution used in NRU; SD rejects this test	ppt in 1X C1	FAL.NHK.SLS.25.04.04
FAL.NHK.GG.B1.28.04.04	DF	AA61GG	0.002	0.00001	0.877	1.40%	5	2	0.9884	0.100, 0.047, 0.022, 0.010, 0.005, 0.002, 0.001, 0.0005	2.15	YES			FAL.NHK.SLS.28.04.03
FAL.NHK.GG.B2.13.05.04	DF	AA61GG	0.003	0.00001	0.701	2.72%	2	3	0.9701	0.1, 0.0465, 0.0216, 0.0101, 0.0047, 0.0022, 0.0010, 0.0005	2.15	YES			FAL.NHK.SLS.13.05.04
FAL.NHK.GG.B3.10.06.04	DF	AA61GG	0.015	0.00004	0.894	5.53%	3	2	0.9727	0.100, 0. 68, 0.0463, 0.0315, 0.0214, 0.0146, 0.0099, 0.0067	1.47	YES			FAL.NHK.SLS.10.06.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VALPROIC ACID															
IIVS															
A1	RF	AA61MZ	710	4.921	0.730	0.79%	1	2	0.9232	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A2-N040320B
B1	DF	AA61MZ	394	2.735	0.633	8.35%	4	4	0.9086	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B8-N040819A
B2	DF	AA61MZ	512	3.548	0.676	4.33%	3	5	0.9566	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B9-N040820A
B3	DF	AA61MZ	383	2.655	0.657	7.25%	3	4	0.9436	2500, 1563, 977, 610, 381, 238, 149, 93.1	1.6	YES			SLS-B10-N040903A
ECBC															
AA61JJ-A1	RF	AA61JJ	406	2.812	0.953	4.71%	1	1	0.9319	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-P15
AA61JJ-B1	DF	AA61JJ	575	3.991	0.920	0.13%	2	4	0.9458	1861, 865, 403, 187, 87.1, 40.5, 18.8, 8.8	2.15	YES			SLS-P27
AA61JJ-B2	DF	AA61JJ	484	3.358	0.963	0.38%	2	4	0.9533	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES		ppt in 2X C1-C2; oily	SLS-P29
AA61JJ-B3	DF	AA61JJ	344	2.383	0.717	0.17%	2	6	0.9570	2000, 930, 433, 201, 93.6, 43.5, 20.2, 9.4	2.15	YES		ppt in 2X C1; oily	SLS-P30
FRAME															
FAL.NHK.GK.A1.25.03.04	RF	AA61GK	NA	NA	0.666	0.25%	0	0	NA	2000, 200, 20, 2, 0.2, 0.02, 0.002, 0.0002	10	RF	range finder		FAL.NHK.SLS.25.03.03
FAL.NHK.GK.B1.25.04.04	DF	AA61GK	757	5.248	0.874	6.22%	3	5	0.8798	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	YES			FAL.NHK.SLS.25.04.04
FAL.NHK.GK.B2.28.04.04	DF	AA61GK	828	5.742	0.735	2.30%	3	5	0.8571	2500, 1701, 1157, 787,535, 364, 248, 169	1.47	YES		ppt in 2X C1	FAL.NHK.SLS.28.04.03
FAL.NHK.GK.B2.13.05.04 (should be B3)	DF	AA61GK	522	3.623	0.778	1.46%	2	3	0.9880	2500, 1163, 541, 252, 117, 54.4, 25.3, 11.8	2.15	YES			FAL.NHK.SLS.13.05.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
VERAPAMIL HCL															
IIVS															
A1	RF	AA61NH	78.3	0.160	0.566	5.81%	1	0	0.8763	100, 10, 1, 0.1, 0.01, 0.001, 0.0001, 0.00001	10	RF	range finder; no points between 50 - 100%	SD chose to use bottom = 0 instead of bottom > 0;	SLS-A4-N040331N
B1	DF	AA61NH	67.5	0.137	0.656	5.17%	4	4	0.9864	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B8-N040819A
B2	DF	AA61NH	71.0	0.144	0.669	0.10%	4	3	0.9788	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B9-N040820A
B3	DF	AA61NH	60.1	0.122	0.577	7.59%	3	4	0.9794	200, 143, 102, 72.9, 52.1, 37.2, 26.6, 19.0	1.4	YES			SLS-B10-N040903A
ECBC															
AA61LY-A1	RF	AA61LY	64.6	0.131	0.423	5.73%	2	3	0.9492	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder	ppt in 2X C1	SLS-P17
AA61LY-B1	DF	AA61LY	65.3	0.133	0.821	0.23%	4	4	0.9735	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES			SLS-P33
AA61LY-B2	DF	AA61LY	71.0	0.144	0.861	1.55%	4	4	0.9820	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1	SLS-P35
AA61LY-B3	DF	AA61LY	45.2	0.092	0.455	1.81%	3	4	0.9523	800, 372, 173, 80.5, 37.4, 17.4, 8.1, 3.8	2.15	YES		ppt in 2X C1	SLS-P37
FRAME															
FAL.NHK.MC.A1.28.07.04	RF	AA61MC	81.1	0.165	0.070	23.68%	2	1	0.6033	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; % VC difference > 15		FAL.NHK.SLS.28.07.04
FAL.NHK.MC.B1.20.08.04	DF	AA61MC	73.3	0.149	0.892	3.87%	1	4	0.9216	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1-C3; outliers removed by SD	FAL.NHK.SLS.20.08.04
FAL.NHK.MC.B2.08.10.04	DF	AA61MC	50.0	0.102	0.728	0.31%	3	3	0.9778	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES		ppt in 2X C1	FAL.NHK.SLS.08.10.03
FAL.NHK.MC.B3.20.10 .04	DF	AA61MC	115	0.233	1.206	5.67%	1	2	0.9892	1500, 698, 325, 151, 70.2, 32.7, 15.2, 7.06	2.15	YES			FAL.NHK.SLS.20.10.04

NHK NRU Test Chemical Data

Experiment I.D. NHK Cells	Assay Type[1]	Chemical I.D.	IC50 (ug/mL) Decimal Format	IC50 (mM)	Mean Vehicle Control (VC) OD[2]	Difference of right/left VC from mean VC[3]	Number of Points 0 - 50 %[4]	Number of Points 50 - 100 %[5]	R2 (from PRISM)[6]	Dilutions (ug/mL)[7]	Dilution Factor[8]	Acceptable Tests[9]	Rationale for Unacceptability	Notes	Positive Control I.D.
XYLENE															
IIVS															
A1	RF	AA61MA	871	8.203	0.746	0.09%	1	0	0.8848	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder		SLS-A3-N040331A
B1	DF	AA61MA	374	3.524	0.700	5.04%	3	2	0.7194	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		well-to-well variability in 3 lowest doses observed	SLS-B8-N040819A
B2	DF	AA61MA	700	6.592	0.660	6.57%	2	3	0.7739	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		ppt in 2X C1-C3; variability in 4 highest doses observed; top 2 doses not included in the Hill analysis	SLS-B9-N040820A
B3	DF	AA61MA	385	3.631	0.629	2.40%	2	2	0.8182	2000, 1429, 1020, 729, 521, 372, 266, 190	1.4	YES		ppt in 2X C1-C4; variability in 7 highest doses observed;Top dose not included in Hill analysis (SD decision)	SLS-B10-N040903A
ECBC															
AA61GM-A1	RF	AA61GM	164	1.545	1.075	3.37%	0	5	0.9337	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 50%	ppt in 2X C1	SLS-P13
AA61GM-B1	DF	AA61GM	NA	NA	1.106	0.20%	0	8	NA	800, 544, 370, 252, 171, 117, 79.3, 53.9	1.47	NO	no points between 0 - 50%		SLS-P47
AA61GM-B2	DF	AA61GM	NA	NA	0.675	0.96%	0	5	NA	2000, 1361, 926, 630, 428, 291, 198, 135	1.47	NO	no points between 0 - 50%	ppt in 2X C1-C5	SLS-P49
AA61GM-B3	DF	AA61GM	NA	NA	0.699	4.39%	0	4	NA	4000, 3306, 2732, 2258, 1866, 1542, 1275, 1053	1.21	NO	no points between 0 - 50%	ppt in 2X C1-C8; no toxicity detected	SLS-P53
FRAME															
FAL.NHK.JG.A1.14.05.04	RF	AA61JG	NA	NA	0.725	2.43%	0	0	NA	1000, 100, 10, 1, 0.1, 0.01, 0.001, 0.0001	10	RF	range finder; no points between 0 - 100%		FAL.NHK.SLS.14.05.03
FAL.NHK.JG.B1.08.10.04	DF	AA61JG	NA	NA	0.834	13.03%	0	7	0.3835	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 50%		FAL.NHK.SLS.08.10.03
FAL.NHK.JG.B2.22.10.04	DF	AA61JG	3130	29.444	0.798	7.28%	0	6	0.6066	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 50%		FAL.NHK.SLS.22.10.04 (NB)
FAL.NHK.JG.B3.28.10.04	DF	AA61JG	NA	NA	0.559	1.04%	0	0	NA	2500, 1701, 1157, 787, 535, 364, 248, 169	1.47	NO	no points between 0 - 100%		FAL.NHK.SLS.28.10.04

[1] Range finder or definitive test
[2] Mean OD value for all VC wells in test plate
[3] Difference of right and left VC column of wells in the test plate
[4] % viability ICx values between 0 and 50% viability; test acceptance criterion
[5] % viability ICx values between 50 and 100% viability; test acceptance criterion
[6] calculated value from the Prism® software
[7] Test chemical concentrations from stock applied to the cells
[8] Step-wise dilution factor
[9] Determination whether test meets or doesn't meet test acceptance criteria
Shaded boxes identify values that do not meet the specific test acceptance criteria
Abreviations:
ppt = precipitate
SD = Study Director
RF = Range Finder
DF = Definitive Test
PC = Positive Control
C1 - C8 = concentration series
NA = not available
RC = Registry of Cytotoxicity
2X = Two times the concentration that will be applied to the cells
VC = Vehicle Control
R2 = Coefficient of Determination
OD = Optical Density