

Attachment 10b_Between laboratory transferability on 21 blind coded chemicals												
Name		IMAX				EC1.5				positive up to 1000		
Non-Sensitizers		rep1	rep2	rep 3	AVG	rep1	rep2	rep 3	Geomean		Comments	
Lactic acid	GIV	2.258	1.051	1.845	1.718	1329.88	n.i.	1555.34	n.i.	0 of 3		
	Lab1	1.199	1.468	1.256	1.308	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.117	1.143	1.765	1.341	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab3	1.187	1.305	1.245	1.246	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab4	1.073	1.115	1.178	1.122	n.i.	n.i.	n.i.	n.i.	0 of 3		
Glycerol	GIV	1.238	1.193	1.634	1.355	n.i.	n.i.	1793.85	n.i.	0 of 3		
	Lab1	1.146	1.217	1.212	1.192	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.162	1.134	1.568	1.288	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab3	1.353	1.024	1.269	1.215	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab4	1.160	1.032	1.208	1.133	n.i.	n.i.	n.i.	n.i.	0 of 3		
Diethyl phthalate	GIV	1.427	1.049	1.081	1.186	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab1	1.113	1.327	1.192	1.211	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.138	1.132	2.047	1.439	n.i.	n.i.	59.97	n.i.	1 of 3	Repetition 3 with high variation, does not meet quality criteria, no clear dose response Imax > 1.5 in Rep 1 and 3 at 2000 uM, but non-significant induction	
	Lab3	1.808	1.391	1.999	1.733	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab4	1.534	2.522	1.656	1.904	913.17	183.54	1180.53	582.71	2 of 3		Significant induction, in parallel very high MTT values (> 200%)
Isopropanol	GIV	1.212	1.241	1.329	1.260	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab1	1.258	1.410	1.286	1.318	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.107	1.182	1.879	1.390	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab3	1.945	1.248	1.419	1.537	n.i.	n.i.	n.i.	n.i.	0 of 3	Imax > 1.5 in Rep 1, but non-significant induction, outlier in single replicate plate	
	Lab4	1.198	1.175	1.006	1.126	n.i.	n.i.	n.i.	n.i.	0 of 3		
Salicylic acid	GIV	1.109	1.034	1.107	1.084	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab1	1.489	1.197	1.490	1.392	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.125	1.296	1.460	1.293	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab3	1.202	1.408	1.250	1.287	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab4	1.282	1.207	1.297	1.262	n.i.	n.i.	n.i.	n.i.	0 of 3		
Sodium lauryl sulfate	GIV	6.344	3.748	7.736	5.943	34.35	37.93	33.79	35.31	3 at cytotox	Significant Induction in all reps at cytotoxic concentration	
	Lab1	1.915	1.092	1.309	1.438	47.50	n.i.	n.i.	n.i.	1 at cytotox	Significant induction in Rep 1 at cytotoxic concentration	
	Lab2	1.199	9.681	4.526	5.135	n.i.	33.75	n.i.	n.i.	1 at cytotox	Significant induction in Rep 2 at cytotoxic concentration	
	Lab3	3.575	2.617	1.793	2.662	37.85	n.i.	n.i.	n.i.	1 at cytotox	Significant induction in Rep 1 at cytotoxic concentration, non-significant in other reps.	
	Lab4	4.588	6.726	13.133	8.149	34.69	34.26	32.78	33.90	3 of 3	Significant Induction in 3 reps at non- cytotoxic concentration	
Sensitizers												
4-Phenylenediamine	GIV	22.210	37.277	76.003	45.163	8.77	9.89	11.28	9.93	3 of 3		
	Lab1	11.733	35.230	22.612	23.192	13.55	9.16	8.39	10.13	3 of 3		
	Lab2	16.459	19.022	22.656	19.379	15.83	7.30	5.20	8.44	3 of 3		
	Lab3	52.887	31.494	32.612	38.997	6.38	5.56	6.18	6.03	3 of 3		
	Lab4	12.589	29.558	17.774	19.974	3.20	12.70	25.65	10.14	3 of 3		
Cinnamic aldehyde	GIV	17.510	33.161	16.488	22.387	15.91	13.09	14.00	14.29	3 of 3		
	Lab1	14.675	10.405	4.424	9.835	14.55	15.75	14.00	14.75	3 of 3		
	Lab2	41.470	32.280	23.307	32.352	7.50	6.54	4.38	5.99	3 of 3		
	Lab3	43.829	57.454	32.858	44.714	10.17	5.84	7.19	7.53	3 of 3		
	Lab4	12.404	35.331	18.990	22.242	6.27	3.27	13.15	6.46	3 of 3	Rep 3 manually extrapolated EC 1.5 value	
4-nitrobenzylbromide	GIV	6.605	4.906	9.594	7.035	1.24	1.15	1.96	1.41	3 of 3		
	Lab1	2.901	6.353	4.796	4.683	<0.98	<0.98	1.03	1.03	3 of 3		
	Lab2	9.149	10.858	20.776	13.595	1.06	1.06	2.31	1.38	3 of 3		
	Lab3	13.133	14.622	14.303	14.020	<0.98	<0.98	<0.98	<0.98	3 of 3		
	Lab4	7.822	6.284	14.975	9.694	<0.98	<0.98	<0.98	<0.98	3 of 3		
Metol	GIV	5.807	6.033	5.884	5.908	5.99	7.23	15.00	8.66	3 of 3		
	Lab1	4.781	4.621	4.032	4.478	4.58	1.72	4.06	3.18	3 of 3		
	Lab2	6.841	11.400	9.927	9.389	9.52	8.73	2.28	5.75	3 of 3		
	Lab3	11.877	11.869	12.708	12.151	7.84	5.89	6.14	6.57	3 of 3		
	Lab4	5.314	4.793	8.947	6.351	1.60	8.02	3.45	3.54	3 of 3		

Isoeugenol	GIV	19.279	8.076	12.235	13.197	12.06	29.42	17.45	18.36	3 of 3	EC 1.5: Average calculated without Rep 1, which is an outlier	
BC_05	Lab1	6.338	11.324	7.651	9.488	562.39	35.68	15.27	67.42	3 of 3		
	Lab2	7.670	30.599	31.412	23.227	13.42	14.62	5.73	10.40	3 of 3		
	Lab3	42.506	98.053	29.839	56.799	10.29	3.00	2.86	4.45	3 of 3		
	Lab4	5.687	25.801	11.651	14.380	17.05	19.34	36.21	22.86	3 of 3	Rep 1 uneven dose-response, EC 1.5 manually extrapolated	
Eugenol	GIV	1.614	1.077	1.384	1.358	505.48	n.i.	n.i.	n.i.	1 of 3		
BC_06	Lab1	1.177	1.543	1.439	1.387	n.i.	229.61	n.i.	n.i.	1 of 3		
	Lab2	2.130	1.841	3.530	2.500	268.09	341.49	322.52	310.70	3 of 3		
	Lab3	2.323	2.904	2.364	2.530	235.99	197.48	265.21	232.89	3 of 3		
	Lab4	1.141	1.248	2.574	1.655	n.i.	n.i.	237.15	n.i.	1 of 3		
Oxazolone	GIV	9.593	7.333	55.940	24.289	196.81	192.03	184.82	191.16	3 of 3		
BC_07	Lab1	1.686	10.422	7.322	6.477	375.88	159.70	105.75	185.16	3 of 3		
	Lab2	28.546	4.643	24.655	19.281	326.67	340.69	125.39	240.76	3 of 3		
	Lab3	21.632	7.227	109.984	46.281	187.37	133.12	143.39	152.93	3 of 3		
	Lab4	2.486	4.636	12.024	6.382	49.98	113.91	105.26	84.31	3 of 3	Rep 1 uneven dose-response, EC 1.5 manually corrected	
2-Mercapto-benzothiazole	GIV	25.078	6.823	41.747	24.549	34.42	51.25	49.22	44.28	3 of 3	EC 1.5 and Imax : Average calculated without Rep 1, which is an outlier	
BC_08	Lab1	1.721	4.327	5.566	4.947	633.22	151.68	76.90	194.75	3 of 3		
	Lab2	51.954	28.601	82.137	54.231	103.42	105.12	14.81	54.41	3 of 3		
	Lab3	54.213	45.325	92.625	64.054	69.31	62.74	64.64	65.50	3 of 3		
	Lab4	5.366	26.147	33.079	21.530	293.98	158.99	249.81	226.86	3 of 3		
(5-chloro)-Methyl-isothiazolinone	GIV	6.837	9.316	6.732	7.628	9.58	3.52	12.91	7.58	3 of 3		
BC_09	Lab1	5.867	5.027	3.939	4.944	1.24	0.39	2.06	1.00	3 of 3		
	Lab2	4.919	4.600	4.846	4.789	5.76	5.36	2.42	4.21	3 of 3		
	Lab3	12.729	11.848	16.051	13.543	1.41	0.46	0.91	0.84	3 of 3		
	Lab4	5.909	5.924	11.669	7.834	2.21	2.34	4.27	2.81	3 of 3		
Imidazolidinyl urea	GIV	2.146	1.942	1.460	1.849	50.00	50.00	n.i.	50.00	2 of 3	Rep 1 and 2, EC1.5 manual extrapolation	
BC_12	Lab1	5.416	2.449	2.884	3.583	33.26	39.07	35.48	35.86	3 of 3	Rep 3, EC 1.5 manual extrapolation	
	Lab2	2.413	3.716	9.074	5.068	41.40	34.76	18.58	29.90	3 of 3		
		Lab3	22.379	4.503	7.721	11.534	31.44	33.32	29.26	31.30	3 of 3	
	Lab4	10.417	9.829	7.240	9.162	32.38	31.22	32.97	32.18	3 of 3		
Methyldibromo glutaronitrile	GIV	5.705	3.862	6.032	5.200	15.67	8.81	13.91	12.43	3 of 3	Rep 3, manual extrapolation	
BC_13	Lab1	2.173	1.810	2.219	2.067	4.73	10.79	7.21	7.17	3 of 3		
	Lab2	4.313	4.340	9.662	6.105	15.73	10.25	8.00	10.88	3 of 3		
	Lab3	9.576	7.748	6.150	7.825	7.95	6.40	7.89	7.37	3 of 3		
	Lab4	2.910	3.477	3.518	3.302	7.84	5.92	6.39	6.67	3 of 3		
Glyoxal	GIV	78.651	21.802	100.886	67.113	130.48	131.20	140.81	134.08	3 of 3		
BC_14	Lab1	10.930	17.881	14.668	14.493	24.58	146.06	127.41	77.05	3 of 3		
	Lab2	78.821	64.685	31.384	58.297	116.87	127.64	115.89	120.02	3 of 3		
	Lab3	132.820	275.462	176.768	195.017	100.92	107.53	80.41	95.56	3 of 3		
	Lab4	66.665	26.343	116.078	69.696	175.14	123.92	222.98	169.15	3 of 3		
Cinnamyl alcohol	GIV	18.028	6.727	7.784	10.846	110.67	117.26	87.02	104.14	3 of 3		
BC_18	Lab1	1.756	1.936	1.442	1.711	190.92	59.55	n.i.	106.62	2 of 3		
	Lab2	17.282	14.708	19.296	17.095	110.32	70.47	82.65	86.29	3 of 3		
	Lab3	7.984	11.381	7.894	9.086	142.64	157.09	100.18	130.94	3 of 3		
	Lab4	6.339	7.061	12.501	8.634	107.47	126.92	121.10	118.21	3 of 3		
tetramethyl-thiuramdisulfide	GIV	37.316	13.119	16.364	22.266	<0.98	<0.98	<0.98	<0.98	3 of 3	EC 1.5 and Imax : Average calculated without Rep 3, which is an outlier	
BC_20	Lab1	13.245	3.021	1.978	8.133	<0.98	<0.98	9.80	<0.98	3 of 3		
	Lab2	19.156	18.516	15.413	17.695	5.12	4.39	3.11	4.12	3 of 3		
	Lab3	48.111	97.170	58.427	67.903	0.89	3.32	2.33	1.90	3 of 3		
	Lab4	9.600	8.739	9.513	9.284	<0.98	1.60	<0.98	<0.98	3 of 3		
Phenyl benzoate	GIV	1.095	0.972	0.992	1.020	n.i.	n.i.	n.i.	n.i.	0 of 3		
BC_21	Lab1	1.154	1.243	1.178	1.192	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab2	1.090	1.097	1.432	1.206	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab3	1.313	1.132	1.255	1.233	n.i.	n.i.	n.i.	n.i.	0 of 3		
	Lab4	2.432	1.825	2.825	2.361	690.75	n.i.	619.15	n.i.	1 of 3	Induction at cytotoxic concentration in Rep 3	