Appendix E

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

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Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
A	BCOPP9	60	a	1.000				
A	BCOPP10	60	b	0.777	1.000			
A	BCOPP11	60	c	0.886	0.862	1.000		
A	BCOPP12	60	d	0.797	0.683	0.859	1.000	
A	BCOPP13	60	e	0.856	0.788	0.906	0.892	1.000
A	BCOPO9	60	a	1.000				
A	BCOPO10	60	b	0.924	1.000			
A	BCOPO11	60	c	0.934	0.898	1.000		
A	BCOPO12	60	d	0.946	0.905	0.978	1.000	
A	BCOPO13	60	e	0.970	0.936	0.953	0.955	1.000
A	BCOPI9	60	a	1.000				
A	BCOPI10	60	b	0.894	1.000			
A	BCOPI11	60	c	0.922	0.896	1.000		
A	BCOPI12	60	d	0.924	0.867	0.957	1.000	
A	BCOPI13	60	e	0.955	0.901	0.947	0.958	1.000
A	BCOPI9b	60	a	1.000				
A	BCOPI10b	60	b	0.898	1.000			
A	BCOPI11b	60	c	0.913	0.913	1.000		
A	BCOPI12b	60	d	0.908	0.848	0.916	1.000	
A	BCOPP13b	60	e	0.939	0.885	0.938	0.938	1.000
A	HETQ14	49	a	1.000				
A	HETQ15	40	b	0.790	1.000			
A	HETQ16	47	c	0.473	0.521	1.000		
A	HETQ17	41	d	0.550	0.734	0.664	1.000	
A	HETS14	11	a	1.000				
A	HETS15	13	b	0.174	1.000			
A	HETS16	13	c	-0.171	-0.171	1.000		
A	HETS17	17	d	-0.103	0.808	0.031	1.000	
A	HETQ14b	49	a	1.000				
A	HETQ15b	40	b	0.627	1.000			
A	HETQ16b	47	c	0.709	0.638	1.000		
A	HETQ17b	41	d	0.449	0.814	0.528	1.000	
A	HETS14b	11	a	1.000				
A	HETS15b	13	b	*	1.000			
A	HETS16b	13	c	-0.043	-0.316	1.000		
A	HETS17b	41	d	*	*	*	*	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
A	ICES 22	60	a	1.000				
A	ICES 27	60	b	0.721	1.000			
A	ICES 24	59	c	0.750	0.715	1.000		
A	ICES 25	58	d	0.627	0.668	0.734	1.000	
A	ICEO 22	60	a	1.000				
A	ICEO 27	60	b	0.700	1.000			
A	ICEO 24	60	c	0.759	0.716	1.000		
A	ICEO 25	60	d	0.752	0.679	0.732	1.000	
A	ICEF 22	60	a	1.000				
A	ICEF 27	60	b	0.693	1.000			
A	ICEF 24	59	c	0.768	0.525	1.000		
A	ICEF 25	60	d	0.719	0.654	0.690	1.000	
A	ICEC 22	60	a	1.000				
A	ICEC 27	60	b	0.829	1.000			
A	ICEC 24	60	c	0.849	0.759	1.000		
A	ICEC 25	60	d	0.844	0.801	0.853	1.000	
A	IREA 26	60	a	1.000				
A	IREA 23	60	b	0.441	1.000			
A	IREA 28	60	c	0.585	0.695	1.000		
A	IREA 29	60	d	0.619	0.587	0.677	1.000	
A	IREB 26	60	a	1.000				
A	IREB 23	60	b	0.728	1.000			
A	IREB 28	60	c	0.714	0.688	1.000		
A	IREB 29	60	d	0.688	0.617	0.808	1.000	
A	IREC 26	58	a	1.000				
A	IREC 23	60	b	0.524	1.000			
A	IREC 28	58	c	0.485	0.414	1.000		
A	IREC 29	60	d	0.625	0.681	0.819	1.000	
A	IRED 26	58	a	1.000				
A	IRED 23	60	b	0.623	1.000			
A	IRED 28	58	c	0.707	0.618	1.000		
A	IRED 29	60	d	0.813	0.698	0.882	1.000	
A	IRESUM 26	60	a	1.000				
A	IRESUM 23	59	b	0.502	1.000			
A	IRESUM 28	60	c	0.574	0.834	1.000		
A	IRESUM 29	54	d	0.689	0.709	0.798	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
B	BCOPP9	30	a	1.000				
B	BCOPP10	30	b	0.733	1.000			
B	BCOPP11	30	c	0.864	0.818	1.000		
B	BCOPP12	30	d	0.760	0.521	0.807	1.000	
B	BCOPP13	30	e	0.880	0.666	0.870	0.840	1.000
B	BCOPO9	30	a	1.000				
B	BCOPO10	30	b	0.945	1.000			
B	BCOPO11	30	c	0.971	0.932	1.000		
B	BCOPO12	30	d	0.962	0.927	0.964	1.000	
B	BCOPO13	30	e	0.959	0.938	0.946	0.928	1.000
B	BCOPI9	30	a	1.000				
B	BCOPI10	30	b	0.906	1.000			
B	BCOPI11	30	c	0.952	0.936	1.000		
B	BCOPI12	30	d	0.929	0.855	0.944	1.000	
B	BCOPI13	30	e	0.950	0.864	0.949	0.948	1.000
B	BCOPI9b	30	a	1.000				
B	BCOPI10b	30	b	0.888	1.000			
B	BCOPI11b	30	c	0.936	0.938	1.000		
B	BCOPI12b	30	d	0.892	0.823	0.916	1.000	
B	BCOPP13b	30	e	0.930	0.850	0.952	0.926	1.000
B	HETQ14	25	a	1.000				
B	HETQ15	17	b	0.711	1.000			
B	HETQ16	23	c	0.355	0.387	1.000		
B	HETQ17	18	d	0.456	0.760	0.679	1.000	
B	HETS14	5	a	*				
B	HETSd15	9	b	*	1.000			
B	HETS16	7	c	*	0.949	1.000		
B	HETS17	11	d	*	0.831	0.420	1.000	
B	HETQ14b	25	a	1.000				
B	HETQ15b	17	b	0.727	1.000			
B	HETQ16b	23	c	0.645	0.594	1.000		
B	HETQ17b	18	d	0.927	0.470	0.535	1.000	
B	ICES 22	30	a	1.000				
B	ICES 27	30	b	0.808	1.000			
B	ICES 24	29	c	0.722	0.789	1.000		
B	ICES 25	29	d	0.691	0.795	0.789	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
B	ICEO 22	30	a	1.000				
B	ICEO 27	30	b	0.775	1.000			
B	ICEO 24	30	c	0.775	0.821	1.000		
B	ICEO 25	30	d	0.847	0.812	0.771	1.000	
B	ICEF 22	30	a	1.000				
B	ICEF 27	30	b	0.803	1.000			
B	ICEF 24	29	c	0.846	0.692	1.000		
B	ICEF 25	30	d	0.676	0.727	0.704	1.000	
B	ICEC 22	30	a	1.000				
B	ICEC 27	30	b	0.892	1.000			
B	ICEC 24	30	c	0.881	0.860	1.000		
B	ICEC 25	30	d	0.881	0.896	0.858	1.000	
B	IREA 26	30	a	1.000				
B	IREA 23	30	b	0.503	1.000			
B	IREA 28	30	c	0.624	0.814	1.000		
B	IREA 29	30	d	0.608	0.706	0.701	1.000	
B	IREB 26	30	a	1.000				
B	IREB 23	30	b	0.754	1.000			
B	IREB 28	30	c	0.699	0.746	1.000		
B	IREB 29	30	d	0.690	0.674	0.912	1.000	
B	IREC 26	29	a	1.000				
B	IREC 23	30	b	0.606	1.000			
B	IREC 28	28	c	0.655	0.439	1.000		
B	IREC 29	30	d	0.777	0.733	0.855	1.000	
B	IRED 26	29	a	1.000				
B	IRED 23	30	b	0.663	1.000			
B	IRED 28	28	c	0.799	0.598	1.000		
B	IRED 29	30	d	0.855	0.747	0.939	1.000	
B	IRESUM 26	30	a	1.000				
B	IRESUM 23	29	b	0.568	1.000			
B	IRESUM 28	30	c	0.595	0.955	1.000		
B	IRESUM 29	25	d	0.835	0.749	0.799	1.000	
C	BCOPP9	18	a	1.000				
C	BCOPP10	18	b	0.915	1.000			
C	BCOPP11	18	c	0.932	0.893	1.000		
C	BCOPP12	18	d	0.785	0.688	0.894	1.000	
C	BCOPP13	18	e	0.901	0.889	0.963	0.922	1.000

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
C	BCOPO9	18	a	1.000				
C	BCOPO10	18	b	0.959	1.000			
C	BCOPO11	18	c	0.913	0.896	1.000		
C	BCOPO12	18	d	0.942	0.928	0.991	1.000	
C	BCOPO13	18	e	0.982	0.972	0.961	0.978	1.000
C	BCOPI9	18	a	1.000				
C	BCOPI10	18	b	0.946	1.000			
C	BCOPI11	18	c	0.898	0.879	1.000		
C	BCOPI12	18	d	0.937	0.915	0.980	1.000	
C	BCOPI13	18	e	0.981	0.964	0.947	0.978	1.000
C	BCOPI9b	18	a	1.000				
C	BCOPI10b	18	b	0.943	1.000			
C	BCOPI11b	18	c	0.864	0.877	1.000		
C	BCOPI12b	18	d	0.949	0.916	0.923	1.000	
C	BCOPP13b	18	e	0.971	0.954	0.905	0.968	1.000
C	HETQ14	12	a	1.000				
C	HETQ15	11	b	0.944	1.000			
C	HETQ16	12	c	0.809	0.745	1.000		
C	HETQ17	11	d	0.621	0.580	0.782	1.000	
C	HETS14	6	a	1.000				
C	HETS15	4	b	0.096	1.000			
C	HETS16	6	c	-0.159	-0.910	1.000		
C	HETS17	4	d	-0.288	0.852	-0.094	1.000	
C	HETQ14b	12	a	1.000				
C	HETQ15b	11	b	0.692	1.000			
C	HETQ16b	12	c	0.816	0.642	1.000		
C	HETQ17b	11	d	0.626	0.830	0.562	1.000	
C	ICES 22	18	a	1.000				
C	ICES 27	18	b	0.671	1.000			
C	ICES 24	18	c	0.757	0.599	1.000		
C	ICES 25	17	d	0.514	0.210	0.732	1.000	
C	ICEO 22	18	a	1.000				
C	ICEO 27	18	b	0.498	1.000			
C	ICEO 24	18	c	0.704	0.414	1.000		
C	ICEO 25	18	d	0.786	0.442	0.851	1.000	
C	ICEF 22	18	a	1.000				
C	ICEF 27	18	b	0.433	1.000			
C	ICEF 24	18	c	0.847	0.371	1.000		
C	ICEF 25	18	d	0.745	0.517	0.763	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
C	ICEC 22	18	a	1.000				
C	ICEC 27	18	b	0.705	1.000			
C	ICEC 24	18	c	0.844	0.569	1.000		
C	ICEC 25	18	d	0.763	0.595	0.905	1.000	
C	IREA 26	18	a	1.000				
C	IREA 23	18	b	0.413	1.000			
C	IREA 28	18	c	0.599	0.722	1.000		
C	IREA 29	18	d	0.656	0.480	0.634	1.000	
C	IREB 26	18	a	1.000				
C	IREB 23	18	b	0.629	1.000			
C	IREB 28	18	c	0.683	0.552	1.000		
C	IREB 29	18	d	0.607	0.409	0.575	1.000	
C	IREC 26	17	a	1.000				
C	IREC 23	18	b	0.169	1.000			
C	IREC 28	18	c	0.276	0.456	1.000		
C	IREC 29	18	d	0.210	0.392	0.748	1.000	
C	IRED 26	17	a	1.000				
C	IRED 23	18	b	0.490	1.000			
C	IRED 28	18	c	0.704	0.689	1.000		
C	IRED 29	18	d	0.790	0.615	0.874	1.000	
C	IRESUM 26	18	a	1.000				
C	IRESUM 23	18	b	0.481	1.000			
C	IRESUM 28	18	c	0.555	0.861	1.000		
C	IRESUM 29	18	d	0.628	0.964	0.896	1.000	
D	BCOPP9	12	a	1.000				
D	BCOPP10	12	b	0.835	1.000			
D	BCOPP11	12	c	0.932	0.912	1.000		
D	BCOPP12	12	d	0.843	0.966	0.922	1.000	
D	BCOPP13	12	e	0.766	0.924	0.921	0.958	1.000
D	BCOPO9	12	a	1.000				
D	BCOPO10	12	b	0.957	1.000			
D	BCOPO11	12	c	0.971	0.981	1.000		
D	BCOPO12	12	d	0.947	0.972	0.957	1.000	
D	BCOPO13	12	e	0.967	0.995	0.985	0.973	1.000
D	BCOPI9	12	a	1.000				
D	BCOPI10	12	b	0.914	1.000			
D	BCOPI11	12	c	0.951	0.952	1.000		
D	BCOPI12	12	d	0.915	0.989	0.936	1.000	
D	BCOPI13	12	e	0.915	0.959	0.947	0.966	1.000

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
D	BCOPI9b	12	a	1.000				
D	BCOPI10b	12	b	0.914	1.000			
D	BCOPI11b	12	c	0.951	0.952	1.000		
D	BCOPI12b	12	d	0.915	0.989	0.936	1.000	
D	BCOPP13b	12	e	0.915	0.959	0.947	0.966	1.000
D	HETQ14	12	a	1.000				
D	HETQ15	12	b	0.793	1.000			
D	HETQ16	12	c	0.438	0.779	1.000		
D	HETQ17	12	d	0.816	0.876	0.579	1.000	
D	HETQ14b	12	a	1.000				
D	HETQ15b	12	b	0.721	1.000			
D	HETQ16b	12	c	0.670	0.768	1.000		
D	HETQ17b	12	d	0.420	0.966	0.721	1.000	
D	ICES 22	12	a	1.000				
D	ICES 27	12	b	0.741	1.000			
D	ICES 24	12	c	0.920	0.696	1.000		
D	ICES 25	12	d	0.641	0.392	0.543	1.000	
D	ICEO 22	12	a	1.000				
D	ICEO 27	12	b	0.618	1.000			
D	ICEO 24	12	c	0.719	0.759	1.000		
D	ICEO 25	12	d	0.438	0.834	0.483	1.000	
D	ICEF 22	12	a	1.000				
D	ICEF 27	12	b	0.663	1.000			
D	ICEF 24	12	c	0.636	0.546	1.000		
D	ICEF 25	12	d	0.950	0.748	0.664	1.000	
D	ICEC 22	12	a	1.000				
D	ICEC 27	12	b	0.827	1.000			
D	ICEC 24	12	c	0.854	0.805	1.000		
D	ICEC 25	12	d	0.870	0.759	0.724	1.000	
D	IREA 26	12	a	1.000				
D	IREA 23	12	b	0.433	1.000			
D	IREA 28	12	c	0.317	0.567	1.000		
D	IREA 29	12	d	0.678	0.462	0.480	1.000	
D	IREB 26	12	a	1.000				
D	IREB 23	12	b	0.786	1.000			
D	IREB 28	12	c	0.894	0.789	I.000		
D	IREB 29	12	d	0.814	0.736	0.845	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
D	IREC 26	12	a	1.000				
D	IREC 23	12	b	0.091	1.000			
D	IREC 28	12	c	-0.148	0.269	1.000		
D	IREC 29	12	d	-0.010	0.527	0.835	1.000	
D	IRED 26	12	a	1.000				
D	IRED 23	12	b	0.647	1.000			
D	IRED 28	12	c	0.405	0.635	1.000		
D	IRED 29	12	d	0.686	0.589	0.758	1.000	
D	IRESUM 26	12	a	1.000				
D	IRESUM 23	12	b	0.363	1.000			
D	IRESUM 28	12	c	0.769	0.498	1.000		
D	IRESUM 29	11	d	0.665	0.614	0.872	1.000	
E	BCOPP9	20	a	1.000				
E	BCOPP10	20	b	0.773	1.000			
E	BCOPP11	20	c	0.926	0.843	1.000		
E	BCOPP12	20	d	0.878	0.563	0.889	1.000	
E	BCOPP13	20	e	0.932	0.670	0.934	0.886	1.000
E	BCOPO9	20	a	1.000				
E	BCOPO10	20	b	0.941	1.000			
E	BCOPO11	20	c	0.908	0.887	1.000		
E	BCOPO12	20	d	0.912	0.903	0.977	1.000	
E	BCOPO13	20	e	0.966	0.930	0.952	0.942	1.000
E	BCOPI9	20	a	1.000				
E	BCOPI10	20	b	0.902	1.000			
E	BCOPI11	20	c	0.897	0.872	1.000		
E	BCOPI12	20	d	0.880	0.852	0.960	1.000	
E	BCOPI13	20	e	0.945	0.884	0.943	0.942	1.000
E	BCOPI9b	20	a	1.000				
E	BCOPI10b	20	b	0.881	1.000			
E	BCOPI11b	20	c	0.887	0.869	1.000		
E	BCOPI12b	20	d	0.870	0.776	0.889	1.000	
E	BCOPP13b	20	e	0.921	0.824	0.925	0.930	1.000
E	HETQ14	9	a	1.000				
E	HETQ15	0	b	*	*			
E	HETQ16	7	c	0.500	*	1.000		
E	HETQ17	1	d	*	*	*	*	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
E	HETS14	11	a	1.000				
E	HETS15	13	b	0.174	1.000			
E	HETS16	13	c	-0.171	-0.171	1.000		
E	HETS17	17	d	-0.103	0.808	0.031	1.000	
E	HETQ14b	9	a	1.000				
E	HETQ15b	0	b	*	*			
E	HETQ16b	7	c	0.985	*	1.000		
E	HETQ17b	1	d	*	*	*	*	
E	ICES 22	20	a	1.000				
E	ICES 27	20	b	0.869	1.000			
E	ICES 24	20	c	0.847	0.734	1.000		
E	ICES 25	19	d	0.778	0.722	0.811	1.000	
E	ICEO 22	20	a	1.000				
E	ICEO 27	20	b	0.595	1.000			
E	ICEO 24	20	c	0.752	0.602	1.000		
E	ICEO 25	20	d	0.868	0.649	0.752	1.000	
E	ICEF 22	20	a	1.000				
E	ICEF 27	20	b	0.729	1.000			
E	ICEF 24	20	c	0.864	0.678	1.000		
E	ICEF 25	20	d	0.739	0.869	0.674	1.000	
E	ICEC 22	20	a	1.000				
E	ICEC 27	20	b	0.806	1.000			
E	ICEC 24	20	c	0.874	0.752	1.000		
E	ICEC 25	20	d	0.883	0.816	0.880	1.000	
E	IREA 26	20	a	1.000				
E	IREA 23	20	b	0.195	1.000			
E	IREA 28	20	c	0.394	0.908	1.000		
E	IREA 29	20	d	0.405	0.543	0.468	1.000	
E	IREB 26	20	a	1.000				
E	IREB 23	20	b	0.782	1.000			
E	IREB 28	20	c	0.629	0.649	1.000		
E	IREB 29	20	d	0.569	0.524	0.672	1.000	
E	IREC 26	19	a	1.000				
E	IREC 23	20	b	0.335	1.000			
E	IREC 28	20	c	0.670	0.404	1.000		
E	IREC 29	20	d	0.559	0.628	0.829	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
E	IRED 26	19	a	1.000				
E	IRED 23	20	b	0.540	1.000			
E	IRED 28	20	c	0.791	0.685	1.000		
E	IRED 29	20	d	0.798	0.689	0.949	1.000	
E	IRESUM 26	20	a	1.000				
E	IRESUM 23	19	b	0.199	1.000			
E	IRESUM 28	20	c	0.191	0.991	1.000		
E	IRESUM 29	15	d	0.432	0.606	0.635	1.000	
F	BCOPP9	14	a	1.000				
F	BCOPP10	14	b	0.731	1.000			
F	BCOPP11	14	c	0.901	0.864	1.000		
F	BCOPP12	14	d	0.795	0.903	0.896	1.000	
F	BCOPP13	14	e	0.699	0.846	0.875	0.933	1.000
F	BCOPO9	14	a	1.000				
F	BCOPO10	14	b	0.984	1.000			
F	BCOPO11	14	c	0.985	0.959	1.000		
F	BCOPO12	14	d	0.989	0.968	0.987	1.000	
F	BCOPO13	14	e	0.984	0.988	0.955	0.976	1.000
F	BCOPI9	14	a	1.000				
F	BCOPI10	14	b	0.917	1.000			
F	BCOPI11	14	c	0.975	0.920	1.000		
F	BCOPI12	14	d	0.974	0.914	0.974	1.000	
F	BCOPI13	14	e	0.969	0.926	0.954	0.980	1.000
F	BCOPI9b	14	a	1.000				
F	BCOPI10b	14	b	0.899	1.000			
F	BCOPI11b	14	c	0.970	0.928	1.000		
F	BCOPI12b	14	d	0.955	0.921	0.962	1.000	
F	BCOPP13b	14	e	0.946	0.918	0.976	0.972	1.000
F	HETQ14	14	a	1.000				
F	HETQ15	14	b	0.880	1.000			
F	HETQ16	14	c	0.776	0.730	1.000		
F	HETQ17	14	d	0.712	0.842	0.765	1.000	
F	HETQ14b	14	a	*				
F	HETQ15b	14	b	*	1.000			
F	HETQ16b	14	c	*	0.591	1.000		
F	HETQ17b	14	d	*	0.974	0.590	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
F	ICES 22	14	a	1.000				
F	ICES 27	14	b	0.617	1.000			
F	ICES 24	13	c	0.757	0.856	1.000		
F	ICES 25	13	d	0.539	0.889	0.821	1.000	
F	ICEO 22	14	a	1.000				
F	ICEO 27	14	b	0.797	1.000			
F	ICEO 24	14	c	0.796	0.907	1.000		
F	ICEO 25	14	d	0.794	0.868	0.717	1.000	
F	ICEF 22	14	a	1.000				
F	ICEF 27	14	b	0.781	1.000			
F	ICEF 24	13	c	0.604	0.543	1.000		
F	ICEF 25	14	d	0.901	0.689	0.772	1.000	
F	ICEC 22	14	a	1.000				
F	ICEC 27	14	b	0.873	1.000			
F	ICEC 24	14	c	0.877	0.905	1.000		
F	ICEC 25	14	d	0.907	0.913	0.868	1.000	
F	IREA 26	14	a	1.000				
F	IREA 23	14	b	0.648	1.000			
F	IREA 28	14	c	0.733	0.712	1.000		
F	IREA 29	14	d	0.789	0.596	0.817	1.000	
F	IREB 26	14	a	1.000				
F	IREB 23	14	b	0.808	1.000			
F	IREB 28	14	c	0.862	0.812	1.000		
F	IREB 29	14	d	0.789	0.746	0.906	1.000	
F	IREC 26	13	a	1.000				
F	IREC 23	14	b	0.914	1.000			
F	IREC 28	12	c	0.464	0.682	1.000		
F	IREC 29	14	d	0.805	0.815	0.845	1.000	
F	IRED 26	13	a	1.000				
F	IRED 23	14	b	0.776	1.000			
F	IRED 28	12	c	0.613	0.575	1.000		
F	IRED 29	14	d	0.868	0.696	0.781	1.000	
F	IRESUM 26	14	a	1.000				
F	IRESUM 23	14	b	0.770	1.000			
F	IRESUM 28	14	c	0.863	0.811	1.000		
F	IRESUM 29	14	d	0.884	0.800	0.957	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
G	BCOPP9	26	a	1.000				
G	BCOPP10	26	b	0.733	1.000			
G	BCOPP11	26	c	0.801	0.856	1.000		
G	BCOPP12	26	d	0.781	0.612	0.801	1.000	
G	BCOPP13	26	e	0.893	0.794	0.858	0.845	1.000
G	BCOPO9	26	a	1.000				
G	BCOPO10	26	b	0.961	1.000			
G	BCOPO11	26	c	0.935	0.955	1.000		
G	BCOPO12	26	d	0.949	0.961	0.967	1.000	
G	BCOPO13	26	e	0.961	0.964	0.913	0.940	1.000
G	BCOPI9	26	a	1.000				
G	BCOPI10	26	b	0.873	1.000			
G	BCOPI11	26	c	0.875	0.939	1.000		
G	BCOPI12	26	d	0.897	0.851	0.902	1.000	
G	BCOPI13	26	e	0.953	0.891	0.898	0.956	1.000
G	BCOPI9b	26	a	1.000				
G	BCOPI10b	26	b	0.873	1.000			
G	BCOPI11b	26	c	0.875	0.939	1.000		
G	BCOPI12b	26	d	0.897	0.851	0.902	1.000	
G	BCOPP13b	26	e	0.953	0.891	0.898	0.956	1.000
G	HETQ14	26	a	1.000				
G	HETQ15	26	b	0.755	1.000			
G	HETQ16	26	c	0.221	0.450	1.000		
G	HETQ17	26	d	0.492	0.692	0.704	1.000	
G	HETQ14b	26	a	1.000				
G	HETQ15b	26	b	0.721	1.000			
G	HETQ16b	26	c	0.771	0.638	1.000		
G	HETQ17b	26	d	0.675	0.765	0.591	1.000	
G	ICES 22	26	a	1.000				
G	ICES 27	26	b	0.779	1.000			
G	ICES 24	26	c	0.690	0.736	1.000		
G	ICES 25	26	d	0.626	0.461	0.560	1.000	
G	ICEO 22	26	a	1.000				
G	ICEO 27	26	b	0.757	1.000			
G	ICEO 24	26	c	0.770	0.695	1.000		
G	ICEO 25	26	d	0.719	0.692	0.764	1.000	

Interlaboratory Correlation Coefficients from the EC/HO Validation Study (Balls et al., 1995)

Chemical Category[1]	*In Vitro* Endpoint	No. samples tested *In Vitro*	Interlaboratory correlation of *in vitro* data					
			Lab	Lab a	Lab b	Lab c	Lab d	Lab e
G	ICEF 22	26	a	1.000				
G	ICEF 27	26	b	0.607	1.000			
G	ICEF 24	26	c	0.748	0.394	1.000		
G	ICEF 25	26	d	0.594	0.494	0.654	1.000	
G	ICEC 22	26	a	1.000				
G	ICEC 27	26	b	0.856	1.000			
G	ICEC 24	26	c	0.830	0.745	1.000		
G	ICEC 25	26	d	0.778	0.751	0.803	1.000	
G	IREA 26	26	a	1.000				
G	IREA 23	26	b	0.496	1.000			
G	IREA 28	26	c	0.685	0.518	1.000		
G	IREA 29	26	d	0.709	0.625	0.704	1.000	
G	IREB 26	26	a	1.000				
G	IREB 23	26	b	0.525	1.000			
G	IREB 28	26	c	0.628	0.526	1.000		
G	IREB 29	26	d	0.664	0.470	0.824	1.000	
G	IREC 26	26	a	1.000				
G	IREC 23	26	b	0.137	1.000			
G	IREC 28	26	c	0.245	0.214	1.000		
G	IREC 29	26	d	0.342	0.101	0.808	1.000	
G	IRED 26	26	a	1.000				
G	IRED 23	26	b	0.539	1.000			
G	IRED 28	26	c	0.712	0.507	1.000		
G	IRED 29	26	d	0.790	0.613	0.906	1.000	
G	IRESUM 26	26	a	1.000				
G	IRESUM 23	26	b	0.527	1.000			
G	IRESUM 28	26	c	0.693	0.793	1.000		
G	IRESUM 29	25	d	0.626	0.696	0.716	1.000	

Abbreviations: BCOPI = Index; BCOPIb = Index, cut-off at 200; BCOPO = Opacity; BCOPP = Permeability; ICEC = Irritation Index; ICEF = Fluorescein retention; ICEO = Opacity; ICES = Swelling; IREA = Opacity (1 hr); IREB = Opacity (4 hr); IREC = Swelling (1 hr); IRED = Swelling (4 hr); IRESUM = Summary score; HETQ = Q Score; HETQB = Q Score, cutoff at 2; HETS = S Score; HETSB = S Score, cutoff at 2.

[1]A = Full set of chemicals; B= Water soluble; C = Water insoluble; D = Surfactants; E = Solids; F = Solutions; G = Liquids

The numbers 1-38 against each endpoint in the Table refer to the laboratories which conducted each particular test. Laboratory 36 left the study without submitting any results

* = No data

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