

Appendix B5

Dye Formulations Tested in the LLNA - Comparative Data (Sorted Alphabetically)

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Dye Formulations Tested in the LLNA - Comparative Data (Sorted Alphabetically)

Substance Name	Formulation Type	LLNA Conc. tested (%)	LLNA Sis	LLNA EC ₃ (%)	LLNA Vehicle	LLNA Mouse strain	LLNA Result ¹	GPMT i.d. induction conc. (%)	GPMT patch conc. (%)	GPMT challenge conc. (%)	GPMT No. animals with + rxn after challenge & rechallenge	GPMT % sens. incidence	GPMT Result ¹	Reference
C.I. Reactive Red 231	Dye	1,3,9,15	4,8,3,4,4,4,4,6	0.6	AOO	CBA/Ca	+	1	75	75	NA	-50	+	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin
C.I. Reactive Yellow 174	Dye	1,3,9,15	4,2,5,3,5,5,7,8	0.3	AOO	CBA/Ca	+	5	25	25	2	11	-	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin
Dispersionsrot 2754	Dye	1,3,9	1,0,0,9,1,0	NC	AOO	CBA/Ca	-	5	25	25	8	100	+	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin
Navy 14 08 723	Dye	1,3,9,15	5,1,4,8,5,7,5,2	IDR	AOO	CBA/Ca	+	5	25	10	20	100	+	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin
Produkt P-4G	Dye	1,3,9,15	2,4,2,5,1,9,2,5	NC	AOO	CBA/Ca	-	5	25	25	9	90	+	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin
Yellow E-JD 3442	Dye	1,3,9,15	1,0,0,8,0,9,0,9	NC	AOO	CBA/Ca	-	5	50	50	2	10	-	Forschung Projekt F 1877 submitted by: Bundesanstalt für Arbeitsschutz und Arbeitsmedizin

Abbreviations: AOO = Acetone olive-oil (4:1); Conc. = Concentration; GPMT = Guinea Pig Maximization Test; i.d. = intradermal; IDR = Inadequate Dose Response; LLNA = Local Lymph Node Assay; NA = Not Available; NC = Not Calculated since SI<3; rxn = reaction; sens. = sensitization; SI = Stimulation Index
¹ "+" = Sensitizer; "-" = Non-sensitizer

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