



NOT DETECTABLE in INTENZE Ink!

Performed by CTL® GmbH

Testing according to CoE Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up

						passed
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to CoE Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Limit of quantitation: 1 ppm; limit: as low as technically avoidable				not detectable		yes
Biphenyl-4-arylamine	-	4-Methoxy-m-phenylenediamine	-	4,4'-Methylenebis-(2-chloroaniline)	-	
Benzidine	-	4,4'-Methylenedianiline	-	4-Methyl-m-phenylenediamine	-	
4-Chloro-o-toluidine	-	3,3'-Dichlorobenzidine	-	o-Anisidine	-	
2-Naphthylamine	-	3,3'-Dimethoxybenzidine	-	4-Aminoazobenzene	-	
o-Aminoazotoluene	-	3,3'-Dimethylbenzidine	-	6-Amino-2-ethoxynaphthaline	-	
5-Nitro-o-toluidine	-	4,4'-Methylenedi-o-toluidine	-	4-Amino-3-fluorophenol	-	
4-Chloroaniline	-	6-Methoxy-m-toluidine	-			
Azo-dyestuffs, Part 1b Investigation of carcinogens classified in categories 1, 2 and 3 by the European Commission and mentioned in the Council Directive 1967/548/EEC of 27 June 1967 according to CoE Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Limit of quantitation: 1 ppm				not detectable		yes
4,4'-Oxydianiline	-	2,4,5-Trimethylaniline	-	2,6-Xylidine	-	
4,4'-Thiodianiline	-	p-Phenylenediamine	-			
o-Toluidine	-	2,4-Xylidine	-			
Dyestuffs, Part 2 Acc. to CoE Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Limit of quantitation: 5 mg/L				not detectable		yes
Acid Green 16	-	Disperse Blue 1	-	Pigment Red 53	-	
Acid Red 26	-	Disperse Blue 106	-	Pigment Violet 3	-	
Acid Violet 17	-	Disperse Blue 124	-	Pigment Violet 39	-	
Acid Violet 49	-	Disperse Blue 3	-	Solvent Blue 35	-	
Acid Yellow 36	-	Disperse Blue 35	-	Solvent Orange 7	-	
Basic Blue 7	-	Disperse Orange 3	-	Solvent Red 24	-	
Basic Green 1	-	Disperse Orange 37	-	Solvent Red 49	-	
Basic Red 1	-	Disperse Red 1	-	Solvent Violet 9	-	
Basic Red 9	-	Disperse Red 17	-	Solvent Yellow 1	-	
Basic Violet 1	-	Disperse Yellow 3	-	Solvent Yellow 2	-	
Basic Violet 10	-	Disperse Yellow 9	-	Solvent Yellow 3	-	
Basic Violet 3	-	Pigment Orange 5	-			

caption: - = not detectable



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				passed		
Heavy metals, Part 3 Acc. to CoE Resolution ResAP(2008)1 Method: Prior, G. (2014). Tattoo Inks: Analysis, Pigments, Legislation. Berlin: epubli. CTL Method 2, p. 83.				yes		
		Limit	Amount			
	Arsenic (As)	≤ 2 ppm	< 2 ppm			
	Barium (Ba)	≤ 50 ppm	< 50 ppm			
	Cadmium (Cd)	≤ 0.2 ppm	< 0.2 ppm			
	Cobalt (Co)	≤ 25 ppm	< 25 ppm			
	Chromium (Cr), VI	≤ 0.2 ppm	< 0.2 ppm			
	Copper (Cu), soluble	≤ 25 ppm	< 25 ppm			
	Mercury (Hg)	≤ 0.2 ppm	< 0.2 ppm			
	Nickel (Ni)	As low as technically achievable	< 0.5 ppm			
	Lead (Pb)	≤ 2 ppm	< 2 ppm			
	Selenium (Se)	≤ 2 ppm	< 2 ppm			
	Antimony (Sb)	≤ 2 ppm	< 2 ppm			
	Tin (Sn)	≤ 50 ppm	< 50 ppm			
	Zinc (Zn)	≤ 50 ppm	< 50 ppm			
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzo-a-pyrene acc. to CoE Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Limit of quantitation: PAH 0.05 ppm, BaP 5 ppb Limit: PAH ≤ 0.5 ppm as total, BaP ≤ 5 ppb				yes		
Naphthalene	-	Fluoranthene	-		Dibenzo(a,h)anthracene	-
Acenaphthylene	-	Pyrene	-		Indo (1,2,3-cd)pyrene	-
Acenaphthene	-	Benz(a)anthracene	-		Benzo(g,h,i)perylene	-
Fluorene	-	Chrysene	-		Benzo-a-pyrene (BaP)	-
Phenanthrene	-	Benzo(b)fluoranthene	-			
Anthracene	-	Benzo(k)fluoranthene	-		Total	-
<i>Sterility tests was not conducted.</i>				----		
Results of part 1-4: Passed: Parts 1-4						

Additional information:

Result of heavy metal aluminium, perspiration solution: < 5 ppm

caption: - = not detectable