we assist, advise and test

CTL®-No	370718/3
[Article]	sample of a pigment
[Product]	GE-233270 Pigment + BLACK-270. GOLDENEYE
[Batch-No]	09.2020 / 025

									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 Detection limit: 1 ppm; limit: as low as technically avoidable				not detectable					yes
Biphenyl-4-ylamine	-		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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm				not detectable					yes
4,4'-Oxydianiline	-		2,4,5-Trimethylaniline	-		2,6-Xylidine	-		
4,4'-Thiodianiline	-		Para-phenylenediamine	-					
o-Toluidine	-		2,4-Xylidine	-					

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CTL® GmbH
CHEMICAL-TECHNOLOGICAL LABORATORY

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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.	**Limit**	**Amount**		
Arsenic (As)	2 ppm	< 2	ppm	yes
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	

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