



wir helfen, beraten und prüfen

CTL®-No	357379/3
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[Article] TR1161 Pigment + GE 233270
Black 270, Batch-No 03.2018/013

				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
Biphenyl-4-ylamine	-	4-Methoxy-m-phenylenediamine	-	yes
Benzidine	-	4,4'-Methylenedianiline	-	
4-Chloro-o-toluidine	-	3,3'-Dichlorobenzidine	-	
2-Naphthylamine	-	3,3'-Dimethoxybenzidine	-	
o-Aminoazotoluene	-	3,3'-Dimethylbenzidine	-	
5-Nitro-o-toluidine	-	4,4'-Methylenedi-o-toluidine	-	
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
4,4'-Oxydianiline	-	2,4,5-Trimethylaniline	-	yes
4,4'-Thiodianiline	-	Para-phenylenediamine	-	
o-Toluidine	-	2,4-Xylidine	-	

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Heavy metals, Part 3 acc. to COE Resolution ResAP(2008)1 Methods: ICP-MS method acc. to DIN 11885; Analysis acc. to COE ResAP(89)1			passed
	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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CTL [®] -No	357804/3+4
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[Article] see tables

TR1193ES GE-233328 Pigment + Red-328, Batch 03.2018/013

CTL-No 3

Test	Test procedure/Test method	Result	passed
Sterility (microbiological test), Part 5* Investigation of pseudomonads (King A+B) Detection limit: 1.0 x 10¹ CFU/g	acc. to COE Resolution ResAP(2008)1 Oxidase test	< 1.0 x 10 ¹ CFU/g	yes
Anaerobes sulfite-reducing sporulating bacteria*	acc. to ASU §64 LFGB L59.00-4	< 1.0 x 10 ¹ CFU/g	yes
Aerobes mesophilic sporulating bacteria*	acc. to ASU §64 LFGB L06.00-18	< 1.0 x 10 ¹ CFU/g	yes
Result: passed			

TR1161ES GE-233270 Pigment + Black-270, Batch 03.218/013

CTL-No 4

Test	Test procedure/Test method	Result	passed
Sterility (microbiological test), Part 5* Investigation of pseudomonads (King A+B) Detection limit: 1.0 x 10¹ CFU/g	acc. to COE Resolution ResAP(2008)1 Oxidase test	< 1.0 x 10 ¹ CFU/g	yes
Anaerobes sulfite-reducing sporulating bacteria*	acc. to ASU §64 LFGB L59.00-4	< 1.0 x 10 ¹ CFU/g	yes
Aerobes mesophilic sporulating bacteria*	acc. to ASU §64 LFGB L06.00-18	< 1.0 x 10 ¹ CFU/g	yes
Result: passed			

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