CTL® GmbH
CHEMICAL-TECHNOLOGICAL LABORATORY

CTL® GmbH | Chemical-Technological Laboratory
Krackser Straße 12 | 33659 Bielefeld | Germany

B&G Amsterdam b.v.
Mr Schory
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1175RE Lijnden
THE NETHERLANDS

Bettina Kaiser
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[fax] +49 521 400 82 89 29
[mail] logistikT@ctl-bielefeld.de

[Date of order]	11.07.2011
[Date of delivery]	13.07.2011
[Date]	02.08.2011
CTL®-No	**349280**

Test results

[Contact person]	Mr Schory	
[Article]	2 samples of a tattoo colours	
[Colours]	Silverback ink - XXX black - batch 042111xxx	CTL No 1
	Silverback ink - White - batch w31051411s	CTL No 2
[Order]	testing according to Resolution ResAP(2008)1	
	on requirements and criteria for the safety of tattoos and permanent make-up	

[DE] Die Prüfergebnisse beziehen sich ausschließlich auf die Prüfgegenstände. Ohne schriftliche Genehmigung darf der Prüfbericht nicht auszugsweise vervielfältigt werden.
[GB] The denoted results are only valid for the tested sample. Without our written consent no single part of this report is allowed to be forwarded to third parties.
[F] Le resultat des examens se réfère uniquement aux objets téstes. Sans autorisation écrite, le résultat des examens ne doit pas être partiellement reproduit.
[NL] De testresultaten hebben uitsluitend betrekking op de testobjecten. Zonder schriftelijke toestemming mag het testrapport niet in uittreksel worden vermenigvuldigd.

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									passed
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm; Legal Limit: ≤ 30 ppm									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									yes
4,4'-Oxydianiline	-		2,4,5-Trimethylaniline	-		2,6-Xylidine	-		
4,4'-Thiodianiline	-		Para-phenylenediamine	-					
o-Toluidine	-		2,4-Xylidine	-					
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L									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	-					

									passed
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1				**Limit**		**Amount**			yes
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. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 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	-		Benzene-a-pyrene (BaP)	-		
Phenanthrene	0.14	ppm	Benzo(b)fluoranthene	Be					

CTL®-No	349280/2
[Article]	sample of a tattoo colour
[Colour]	Silverback ink - White

									passed
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm; Legal Limit: ≤ 30 ppm									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									yes
4,4'-Oxydianiline	-		2,4,5-Trimethylaniline	-		2,6-Xylidine	-		
4,4'-Thiodianiline	-		Para-phenylenediamine	-					
o-Toluidine	-		2,4-Xylidine	-					
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L									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	-					

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CTL®-No	349280/2
[Article]	sample of a tattoo colour
[Colour]	Silverback ink - White

									passed
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1				**Limit**		**Amount**			yes
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. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 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	-		Benzene-a-pyrene (BaP)	-		
Phenanthrene	0.07	ppm	Benzo(b)fluoranthene	-					
Anthracene	-		Benzo(k)fluoranthene	-		**Total**	0.07	ppm	
Sterility (microbiological test), Part 5 Investigation of pseudomonads (King A + B) acc. to EU Resolution ResAP(2008)1 Methods: Oxidase test Detection limit: < 1.0 x 10^1 CFU/g				< 1.0 x 10^0 CFU/g					

Result: passed

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CTL®-No	349280/2
[Article]	sample of a tattoo colour
[Colour]	Silverback ink - White

Test	Test procedure/Test method	Result
Anaerobes sulfite-reducing sporulating bacteria	acc. to ASU §64 LFGB L59.00-4	< 1.0 x 10^0 CFU/g
Aerobes mesophilic sporulating bacteria	acc. to ASU §64 LFGB L06.00-18	< 1.0 x 10^0 CFU/g

Yours sincerely

CTL® GmbH Bielefeld

i. A. Bettina Kaiser

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Marion Hahn
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[Date of order]	11.01.2012
[Date of delivery]	13.01.2012
[Date]	09.02.2012
CTL®-No	**351526**

Test results

[Contact person]	Mr Schory	
[Article]	4 samples of a tattoo colours SILVER BACK, grey-wash ink	
	different darkness/concentrations in each bottle:	
[Colours]	XXX1 light	CTL No 1
	XXX2 light-medium	CTL No 2
	XXX3 medium	CTL No 3
	XXX4 dark	CTL No 4
[Order]	testing according to COE Resolution ResAP(2008)1	
	on requirements and criteria for the safety of tattoos and permanent make-up	

[DE] D P b b c a c c a P .O c c G a P b c c a .
[GB] T a a a .W c a a b a a .
[F] L a a a b .Sa a a c , a a a a .
[NL] D a bb b b c .Z c a a .

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CTL®-No	351526/1
[Article/Colour]	Silver back, grey-wash
[Concentration]	XXX1 light

												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; Legal Limit: ≤ 30 ppm						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 COE 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	-								
Dyestuffs, Part 2 acc. to COE Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 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	-								

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									passed
Heavy metals, Part 3 acc. to COE Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to COE ResAP(89)1				**Limit**		**Amount**			yes
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		< 0.1	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. Benzene-a-pyrene acc. to COE Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 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	-		Benzene-a-pyrene (BaP)	-		
Phenanthrene	-		Benzo(b)fluoranthene	-					
Anthracene	-		Benzo(k)fluoranthene	-		**Total**	-	ppm	
Sterility (microbiological test), Part 5 Investigation of pseudomonads (King A + B) acc. to COE Resolution ResAP (2008)1 Methods: Oxidase test Detection limit: < 1.0 x 10^1 CFU/g						< 1.0 x 10^0 CFU/g			yes
Result: passed									

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CTL®-No	351526/1
[Article/Colour]	Silver back, grey-wash
[Concentration]	XXX1 light

Test	Test procedure/Test method	Result
Anaerobes sulfite-reducing sporulating bacteria	acc. to ASU §64 LFGB L59.00-4	< 1.0 x 10^0 CFU/g
Aerobes mesophilic sporulating bacteria	acc. to ASU §64 LFGB L06.00-18	< 1.0 x 10^0 CFU/g

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CTL®-No	351526/2
[Article/Colour]	Silver back, grey-wash
[Concentration]	XXX2 light-medium

									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; Legal Limit: ≤ 30 ppm						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 COE 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	-					
Dyestuffs, Part 2 acc. to COE Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 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	-		
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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	-					

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CTL®-No	351526/2
[Article/Colour]	Silver back, grey-wash
[Concentration]	XXX2 light-medium

								passed
Heavy metals, Part 3 acc. to COE Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to COE ResAP(89)1			**Limit**		**Amount**			yes
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		< 0.1	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. Benzene-a-pyrene acc. to COE Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 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	-		Benzene-a-pyrene (BaP)	-	
Phenanthrene	-		Benzo(b)fluoranthene	-				
Anthracene	-		Benzo(k)fluoranthene	-		**Total**	-	ppm
Sterility (microbiological test), Part 5 Investigation of pseudomonads (King A + B) acc. to COE Resolution ResAP (2008)1 Methods: Oxidase test Detection limit: < 1.0 x 10^1 CFU/g								
Result: passed								

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wir helfen, beraten und prüfen

CTL®-No	351526/3
[Article/Colour]	Silver back, grey-wash
[Concentration]	XXX3 medium

									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; Legal Limit: ≤ 30 ppm						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 COE 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	-					
Dyestuffs, Part 2 acc. to COE Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 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	-					

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			passed
Heavy metals, Part 3 acc. to COE Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to COE ResAP(89)1	**Limit**	**Amount**	yes
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	< 0.1 ppm	
Lead (Pb)	2 ppm	< 2 ppm	

			passed
Heavy metals, Part 3 acc. to COE Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to COE ResAP(89)1	**Limit**	**Amount**	yes
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	< 0.1 ppm	
Lead (Pb)	2 ppm	< 2 ppm	