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[Date of order] 19.05.2014

[Date of delivery] 21.05.2014

[Date] 05.08.2014

CTL®-No	363535
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Test results



not accredited tests are labelled with *

[Contact person]	Mr Porcella
[Material]	2 samples of tattoo colours
[Colour/Batch-No]	sample #1 „Panthera Artist Series-Ralf Nonnweilers Smooth Bleeding“ / 88986 sample #2 „Panthera Artist Series Ralf Nonnweilers Smooth Finish“ / 88986
[Order]	testing according to COE Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up

▶ 1/7

[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 testés. 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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33659 Bielefeld, GERMANY
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[Based in] Bielefeld
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CTL®-No	363535/1
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[Material] sample of a tattoo colour
[Colour] „Panthera Artist Series-Ralf Nonnweilers
Smooth Bleeding“
[Lot-No] 88986

				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 COE Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm				
4,4'-Oxydianiline	-	2,4,5-Trimethylaniline	-	yes
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
Acid Green 16	-	Disperse Blue 1	-	yes
Acid Red 26	-	Disperse Blue 106	-	
Acid Violet 17	-	Disperse Blue 124	-	
Acid Violet 49	-	Disperse Blue 3	-	
Acid Yellow 36	-	Disperse Blue 35	-	
Basic Blue 7	-	Disperse Orange 3	-	
Basic Green 1	-	Disperse Orange 37	-	
Basic Red 1	-	Disperse Red 1	-	
Basic Red 9	-	Disperse Red 17	-	
Basic Violet 1	-	Disperse Yellow 3	-	
Basic Violet 10	-	Disperse Yellow 9	-	
Basic Violet 3	-	Pigment Orange 5	-	
		Pigment Red 53	-	
		Pigment Violet 3	-	
		Pigment Violet 39	-	
		Solvent Blue 35	-	
		Solvent Orange 7	-	
		Solvent Red 24	-	
		Solvent Red 49	-	
		Solvent Violet 9	-	
		Solvent Yellow 1	-	
		Solvent Yellow 2	-	
		Solvent Yellow 3	-	

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caption: „n.d.“ = not detectable

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CTL [®] -No	363535/1
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[Material] sample of a tattoo colour
 [Colour] „Panthera Artist Series-Ralf Nonnweilers
 Smooth Bleeding“
 [Lot-No] 88986

			passed			
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			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 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		-	Benzo-a-pyrene (BaP)	-
Phenanthrene	-	Benzo(b)fluoranthene		-		
Anthracene	-	Benzo(k)fluoranthene		-	Total	0 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 ¹ CFU/g	yes		
Result: passed						

caption: „n.d.“ = not detectable

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CTL[®]-No **363535/1**

[Material] sample of a tattoo colour
[Colour] „Panthera Artist Series-Ralf Nonnweilers
Smooth Bleeding“
[Lot-No] 88986

Test	Test procedure/Test method	Result	passed
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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CTL [®] -No	363535/2
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[Material] sample of a tattoo colour
 [Colour] „Panthera Artist Series Ralf Nonnweilers
 Smooth Finish“
 [Lot-No] 88986

				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 COE Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm				
4,4'-Oxydianiline	-	2,4,5-Trimethylaniline	-	yes
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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
Acid Green 16	-	Disperse Blue 1	-	yes
Acid Red 26	-	Disperse Blue 106	-	
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Basic Red 1	-	Disperse Red 1	-	
Basic Red 9	-	Disperse Red 17	-	
Basic Violet 1	-	Disperse Yellow 3	-	
Basic Violet 10	-	Disperse Yellow 9	-	
Basic Violet 3	-	Pigment Orange 5	-	
		Pigment Red 53	-	
		Pigment Violet 3	-	

►5/7

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[Material] sample of a tattoo colour
 [Colour] „Panthera Artist Series Ralf Nonnweilers
 Smooth Finish“
 [Lot-No] 88986

			passed			
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			yes			
	Limit	Amount				
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Acenaphthene	-	Benz(a)anthracene		-	Benzo(g,h,i)perylene	-
Fluorene	-	Chrysene		-	Benzo-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			Sterility test was not conducted.		---	
Result: passed						

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CTL [®] -No	363535/1+2
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[Material] samples of tattoo colours

[Colour] --

[Lot-No] --

Yours sincerely

CTL[®] GmbH Bielefeld

Lab Manager

i. A. Marion Heyde

i. V. Helmut Meyer

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