



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

UAB ESTRIKA
Mr Herbozo
Mindaugo 23a-48
03231 Vilnius
LITHUANIA

Marion Heyde

[Phone] +49 521 400 82 89 13

[Email] logistikA@ctl-mails.de

[Order date] -----

[Date received] 14.02.2018

[Service date] 05.03.2018

CTL [®] no	382436
---------------------	---------------

Test results

[Contact person]	Mr Herbozo
[Material]	Permanent cosmetic colors
[Colours]	See following page
[Batch/Lot no]	See following page
[Order]	Testing according to CoE Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up



Deutsche
Akkreditierungsstelle
D-PL-11062-01-00

not accredited tests are labelled with *

[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.

[Address] Krackser Straße 12
33659 Bielefeld, Germany
[Managing director] Kerry-Luise Prior
[Registered office in] Bielefeld
[Register of companies] AG Bielefeld, HRB 35-412

[Phone] +49 521 400 82 89 0
[Email] sekretariat@ctl-mails.de
[Homepages] ctl-bielefeld.de
tattooab.eu

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, Germany
[SWIFT/BIC] WELADED 1 GTL
[IBAN] DE87 4785 0065 0004 0053 45



we assist, advise and test

CTL [®] no	382436/1-3
---------------------	-------------------

[Material] Permanent cosmetic colors

[Colour] See table

[Batch/lot no] -----

CTL series no	Colour description
1	Taupe
2	Café
3	Auburn



we assist, advise and test

CTL [®] no	382436/1
---------------------	----------

[Material]	Permanent cosmetic color
[Colour]	Taupe
[Batch/lot no]	-----

					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					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 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 CoE 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	-			

[Address] Krackser Straße 12
33659 Bielefeld, Germany
[Managing director] Kerry-Luise Prior
[Registered office in] Bielefeld
[Register of companies] AG Bielefeld, HRB 35-412

[Phone] +49 521 400 82 89 0
[Email] sekretariat@ctl-mails.de
[Homepages] ctl-bielefeld.de
tattoolab.eu

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, Germany
[SWIFT/BIC] WELADED1 GTL
[IBAN] DE87 4785 0065 0004 0053 45



we assist, advise and test

CTL [®] no	382436/1
---------------------	----------

[Material]	Permanent cosmetic color
[Colour]	Taupe
[Batch/lot no]	-----

			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 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			Sterility tests were not conducted.		----	
Result: passed						

Additional information:

Result of heavy metal aluminium, perspiration solution: < 1 ppm



we assist, advise and test

CTL [®] no	382436/2
---------------------	-----------------

[Material]	Permanent cosmetic color
[Colour]	Café
[Batch/lot no]	----

				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-arylamine	-	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	-	

[Address] Krackser Straße 12
33659 Bielefeld, Germany
[Managing director] Kerry-Luise Prior
[Registered office in] Bielefeld
[Register of companies] AG Bielefeld, HRB 35-412

[Phone] +49 521 400 82 89 0
[Email] sekretariat@ctl-mails.de
[Homepages] ctl-bielefeld.de
tattoolab.eu

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, Germany
[SWIFT/BIC] WELADED 1 GTL
[IBAN] DE87 4785 0065 0004 0053 45



we assist, advise and test

CTL [®] no	382436/2
---------------------	-----------------

[Material]	Permanent cosmetic color
[Colour]	Café
[Batch/lot no]	----

			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 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			----			
Result: passed						

Additional information:

Result of heavy metal aluminium, perspiration solution: < 1 ppm



we assist, advise and test

CTL [®] no	382436/3
---------------------	-----------------

[Material]	Permanent cosmetic color
[Colour]	Auburn
[Batch/lot no]	-----

				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-arylamine	-	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	-	



we assist, advise and test

CTL [®] no	382436/3
---------------------	-----------------

[Material]	Permanent cosmetic color
[Colour]	Auburn
[Batch/lot no]	----

			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 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			----			
Result: passed						

Additional information:

Result of heavy metal aluminium, perspiration solution: < 1 ppm



we assist, advise and test

CTL [®] no	381016/3
---------------------	-----------------

[Material] Permanent make up sample

[Colour] Artestylo Chocolate

[Batch/lot no] -----

Yours sincerely,

CTL[®] GmbH Bielefeld

i.A. Marion Heyde
Customer consultant

i.V. Helmut Meyer
Lab manager chemical-analytical laboratory