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Beautiful face forever LTD
Mrs Mikhaleva
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RUSSIA

Marion Heyde

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[Email] logistikA@ctl-mails.de

[Order date] 30.01.2018

[Date received] 08.05.2018

[Service date] 15.06.2018

| | |
|---------|---------------|
| CTL® no | 382190 |
|---------|---------------|

Test results



[Contact person]

Mrs Mikhaleva

not accredited tests are labelled with *

[Material]

Pigment samples for lips, eyebrows and eyelids

[Colours]

See following pages

[Order]

Testing according to CoE 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 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
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[Managing director] Kerry-Luise Prior
[Registered office in] Bielefeld
[Register of companies] AG Bielefeld, HRB 35-412

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[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 | 382190/1-5 |
|---------------------|------------|

[Material] Pigment samples

[Colour] See table

| CTL series no | Colours |
|---------------|----------------|
| 1 | Strawberry |
| 2 | Apple blossom |
| 3 | Dark chocolate |
| 4 | Arabica |
| 5 | Coffee |

caption: LFGB = German Food and Feed Code, - = not detectable



we assist, advise and test

| | |
|---------------------|----------|
| CTL [®] no | 382190/1 |
|---------------------|----------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Strawberry |

| | | | | 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 | - | |

caption: LFGB = German Food and Feed Code, - = not detectable

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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/1 |
|---------------------|-----------------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Strawberry |

| | | | 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 | - |
| Sterility was tested on a single representative sample (see Part 5 of CTL-No 382190/5 on former pages) | | | --- | | | |
| Intermediate result Passed: Parts 1a, 1b, 2, 3 and 4. | | | | | | |

Additional information:

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

| |
|---|
| Pigment sample Strawberry: Overall result: passed |
|---|

caption: LFGB = German Food and Feed Code, - = not detectable

| | | | | | |
|-------------------------|--|-------------|---------------------------------|-------------|--|
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| [Registered office in] | Bielefeld | [Homepages] | ctl-bielefeld.de tattooab.eu | [IBAN] | DE87 4785 0065 0004 0053 45 |
| [Register of companies] | AG Bielefeld, HRB 35-412 | | | | |



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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/2 |
|---------------------|-----------------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Apple blossom |

| | | | | 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 | - | |

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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/2 |
|---------------------|-----------------|

[Material] Pigment sample

[Colour] Apple blossom

| | | | 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 | - |
| Sterility was tested on a single representative sample (see Part 5 of CTL-No 382190/5 on former pages) | | | --- | | | |
| Intermediate result Passed: Parts 1a, 1b, 2, 3 and 4. | | | | | | |

Additional information:

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

Pigment sample Apple blossom: Overall result: passed

caption: LFGB = German Food and Feed Code, - = not detectable

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[IBAN] DE87 4785 0065 0004 0053 45



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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/4 |
|---------------------|-----------------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Arabica |

| | | | | 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 | - | |

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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/4 |
|---------------------|-----------------|

[Material] Pigment sample

[Colour] Arabica

| | | | 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 | - |
| Sterility was tested on a single representative sample (see Part 5 of CTL-No 382190/5 on former pages) | | | --- | | | |
| Intermediate result Passed: Parts 1a, 1b, 2, 3 and 4. | | | | | | |

Additional information:

Result of heavy metal aluminium, perspiration solution: 2 ppm

| |
|--|
| Pigment sample Arabica: Overall result: passed |
|--|

caption: LFGB = German Food and Feed Code, - = not detectable

| | | | | | |
|---|--|-----------------------------------|--|---------------------------------|--|
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|---|--|-----------------------------------|--|---------------------------------|--|



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| | |
|---------------------|-----------------|
| CTL [®] no | 382190/5 |
|---------------------|-----------------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Coffee |

| | | | | 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 | - | |

caption: LFGB = German Food and Feed Code, - = not detectable

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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 | 382190/5 |
|---------------------|-----------------|

| | |
|------------|----------------|
| [Material] | Pigment sample |
| [Colour] | Coffee |

| | | | 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 | | - |
| Acenaphthylene | - | Pyrene | | - |
| Acenaphthene | - | Benz(a)anthracene | | - |
| Fluorene | - | Chrysene | | - |
| Phenanthrene | - | Benzo(b)fluoranthene | | - |
| Anthracene | - | Benzo(k)fluoranthene | | - |
| | | | Total | - |
| Sterility was tested on a single representative sample (see Part 5 of CTL-No 382190/5 on former pages) | | | --- | |
| Intermediate result Passed: Parts 1a, 1b, 2, 3 and 4. | | | | |

Additional information:

Result of heavy metal aluminium, perspiration solution: 2 ppm

| |
|---|
| Pigment sample Coffee: Overall result: passed |
|---|

caption: LFGB = German Food and Feed Code, - = not detectable

| | | | | | |
|---|--|-----------------------------------|--|---------------------------------|--|
| [Address] [Managing director] [Registered office in] [Register of companies] | Krackser Straße 12 33659 Bielefeld, Germany Kerry-Luise Prior Bielefeld AG Bielefeld, HRB 35-412 | [Phone] [Email] [Homepages] | +49 521 400 82 89 0 sekretariat@ctl-mails.de ctl-bielefeld.de tattooab.eu | [Bank] [SWIFT/BIC] [IBAN] | Sparkasse Gütersloh Konrad-Adenauer-Platz 1 33330 Gütersloh, Germany WELADED 1 GTL DE87 4785 0065 0004 0053 45 |
|---|--|-----------------------------------|--|---------------------------------|--|



we assist, advise and test

| | |
|---------------------|-----------------|
| CTL [®] no | 382190/5 |
|---------------------|-----------------|

[Material] Pigment sample

[Colour] Coffee

| Test | Test method | Result | passed |
|--|---------------------------|------------|--------|
| Sterility acc. to CoE Resolution ResAP(2008)1 (microbiological test) Part 5 Detection limit: < 10 CFU/g Test conducted by an accredited external laboratory. | | | |
| Spores of aerobes spore-forming, quantitative* | In-house method | < 10 CFU/g | yes |
| Spores of anaerobes spore-forming, quantitative* | In-house method | < 10 CFU/g | yes |
| Bacillus cereus presumptive, quantitative | §64 LFGB 00.00-33, mod. | < 10 CFU/g | yes |
| Sulphite reducing clostridia, quantitative | §64 LFGB 06.00-39, mod. | < 10 CFU/g | yes |
| Total viable count, aerobes mesophil 30°C | §64 LFGB 00.00-88/2, mod. | < 10 CFU/g | yes |
| Total viable count, anaerobes mesophil 30°C* | In-house method | < 10 CFU/g | yes |
| Pseudomonas sp., quantitative | §64 LFGB 06.00-43, mod. | < 10 CFU/g | yes |
| Intermediate result of sterility tests: passed | | | |

Comment:

CTL GmbH assumes full responsibility for test results of tests conducted by an accredited, external laboratory.

Yours sincerely,

CTL[®] GmbH Bielefeld

i.A. Marion Heyde
Customer consultant

i.V. Helmut Meyer
Manager chemical-analytical laboratory

caption: LFGB = German Food and Feed Code, - = not detectable