



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

Eternal Ink, Inc.
7987 Lochlin Drive
Brighton, MI 48116
USA

CTL[®] no **384367+384882+385224+386212+389452**


[Order date] ---
[Date received] ---
[Service date] 25.01.2019
tattoolab.eu

Certificate

[Article] Tattoo colour
[Brand] Eternal Ink
[Colour/product code] DARK CHESTNUT / AA09
[Test] Aromatic amines and carcinogens acc. to CoE Resolution ResAP(2008)1: Part 1a, Part 1b

| Part 1a | | | | DIN EN 14362, § 64 LFGB 82.02-2,3,4,9 | | | |
|--|------------------------------|-----------|----------|---------------------------------------|-------------------------------------|------------|-------------|
| Testing of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to CoE Resolution ResAP(2008)1 Detection limit: 1 ppm; limit: as low as technically avoidable | | | | GC/MS analysis HPLC analysis | | | |
| Amount (ppm) | Amine | EC no | CAS no | Amount (ppm) | Amine | EC no | CAS no |
| --- | Biphenyl-4-ylamine | 202-177-1 | 92-67-1 | --- | 3,3'-Dimethoxybenzidine | 204-355-4 | 119-90-4 |
| --- | Benzidine | 202-199-1 | 92-87-5 | --- | 3,3'-Dimethylbenzidine | 204-358-0 | 119-93-7 |
| --- | 4-Chloro-o-toluidine | 202-411-6 | 95-69-2 | --- | 4,4'-Methylenedi-o-toluidine | 212-658-8 | 838-88-0 |
| --- | 2-Naphthylamine | 202-080-4 | 91-59-8 | --- | 6-Methoxy-m-toluidine | 204-419-1 | 120-71-8 |
| --- | o-Aminoazotoluene | 202-591-2 | 97-56-3 | --- | 4,4'-Methylenebis-(2-chloroaniline) | 202-918-9 | 101-14-4 |
| --- | 5-Nitro-o-toluidine | 202-765-8 | 99-55-8 | --- | 4-Methyl-m-phenylenediamine | 202-453-1 | 95-80-7 |
| --- | 4-Chloroaniline | 203-401-0 | 106-47-8 | --- | o-Anisidine | 201-963-1 | 90-04-0 |
| --- | 4-Methoxy-m-phenylenediamine | 210-406-1 | 615-05-4 | --- | 4-Aminoazobenzene | 200-453-6 | 60-09-3 |
| --- | 4,4'-Methylenedianiline | 202-974-4 | 101-77-9 | --- | 6-Amino-2-ethoxynaphthaline | --- | 293733-21-8 |
| --- | 3,3'-Dichlorobenzidine | 202-109-0 | 91-94-1 | --- | 4-Amino-3-fluorophenol | 418-230-9 | 399-95-1 |
| Part 1b | | | | DIN EN 14362, § 64 LFGB 82.02-2,3,4,9 | | | |
| Testing 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 Detection limit: 1 ppm | | | | GC/MS analysis HPLC analysis | | | |
| Amount (ppm) | Amine | EC no | CAS no | Amount (ppm) | Amine | EC no | CAS no |
| --- | 4,4'-Oxydianiline | 202-977-0 | 101-80-4 | --- | Para-phenylenediamine | 2003-404-7 | 106-50-3 |
| --- | 4,4'-Thiodianiline | 205-370-9 | 139-65-1 | --- | 2,4 Xylidine | --- | 95-68-1 |
| --- | o-Toluidine | 202-429-0 | 95-53-4 | --- | 2,6 Xylidine | --- | 87-62-7 |
| --- | 2,4,5-Trimethylaniline | 205-282-0 | 137-17-7 | | | | |

BIELEFELD, 25. JANUARY 2019


.....
Helmut Meyer (Lab manager)

(---) = below detection limit

[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.

The validity of the certificate is 2 years.

[Address] Krackser Straße 12
33659 Bielefeld, GERMANY
[Managing Director] Kerry-Luise Prior
[Based in] Bielefeld
[Register of Companies] AG Bielefeld, HRB 35-412
[VAT ID No] DE 176 26 5000

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

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, GERMANY
[SWIFT/BIC] WELADED 1 GTL
[IBAN] DE 87 47850065 000 4005345



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

Eternal Ink, Inc.
7987 Lochlin Drive
Brighton, MI 48116
USA

CTL[®] no **384367+384882+385224+386212+389452**

[Order date] ---
[Date received] ---
[Service date] 25.01.2019
tattoolab.eu

Certificate

[Article] Tattoo colour
[Brand] Eternal Ink
[Colour/product code] DARK CHESTNUT / AA09
[Test] Dyestuffs acc. to CoE Resolution ResAP(2008)1: Part 2

| Part 2 Testing of dyestuffs according to CoE Resolution ResAP(2008)1 Detection limit: 5 mg/l | | | | DIN 54231 in the up-to-date legislation GC/MS analysis HPLC analysis TLC analysis | | | |
|--|-------------------|-------|------------|--|--------------------|---------|------------|
| Amount (ppm) | Colourant | CI no | CAS no | Amount (ppm) | Colourant | CI no | CAS no |
| --- | Acid Green 16 | 44025 | 12768-78-4 | --- | Disperse Orange 37 | | 12223-33-5 |
| --- | Acid Red 26 | 16150 | 3761-53-3 | --- | Disperse Red 1 | 11110 | 2872-52-8 |
| --- | Acid Violet 17 | 42650 | 4129-84-4 | --- | Disperse Red 17 | 11210 | 3179-89-3 |
| --- | Acid Violet 49 | 42640 | 1694-09-3 | --- | Disperse Yellow 3 | 11855 | 2832-40-8 |
| --- | Acid Yellow 36 | 13065 | 587-98-4 | --- | Disperse Yellow 9 | 10375 | 6373-73-5 |
| --- | Basic Blue 7 | 42595 | 2390-60-5 | --- | Pigment Orange 5 | 12075 | 3468-63-1 |
| --- | Basic Green 1 | 42040 | 633-03-4 | --- | Pigment Red 53 | 15585 | 2092-56-0 |
| --- | Basic Red 1 | 45160 | 989-38-8 | --- | Pigment Violet 3 | 42535:2 | 1325-82-2 |
| --- | Basic Red 9 | 42500 | 569-61-9 | --- | Pigment Violet 39 | 42555:2 | 64070-98-0 |
| --- | Basic Violet 1 | 42535 | 8004-87-3 | --- | Solvent Blue 35 | 61554 | 17354-14-2 |
| --- | Basic Violet 10 | 45170 | 81-88-9 | --- | Solvent Orange 7 | 12140 | 3118-97-6 |
| --- | Basic Violet 3 | 42555 | 548-62-9 | --- | Solvent Red 24 | 26105 | 85-83-6 |
| --- | Disperse Blue 1 | 64500 | 2475-45-8 | --- | Solvent Red 49 | 45170:1 | 509-34-2 |
| --- | Disperse Blue 106 | | 12223-01-7 | --- | Solvent Violet 9 | 42555:1 | 467-63-0 |
| --- | Disperse Blue 124 | | 61951-51-7 | --- | Solvent Yellow 1 | 11000 | 60-09-3 |
| --- | Disperse Blue 3 | 61505 | 2475-46-9 | --- | Solvent Yellow 2 | 11020 | 60-11-7 |
| --- | Disperse Blue 35 | | 12222-75-2 | --- | Solvent Yellow 3 | 11160 | 97-56-3 |
| --- | Disperse Orange 3 | 11005 | 730-40-5 | | | | |

BIELEFELD, 25. JANUARY 2019


.....
Helmut Meyer (lab manager)

(---) = below detection limit

[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.

The validity of the certificate is 2 years.

[Address] Krackser Straße 12
33659 Bielefeld, GERMANY
[Managing Director] Kerry-Luise Prior
[Based in] Bielefeld
[Register of Companies] AG Bielefeld, HRB 35-412
[VAT ID No] DE 176 26 5000

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

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, GERMANY
[SWIFT/BIC] WELADED 1 GTL
[IBAN] DE 87 47850065 000 4005345



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

Eternal Ink, Inc.
 7987 Lochlin Drive
 Brighton, MI 48116
 USA

CTL[®] no **384367+384882+385224+386212+389452**

[Order date]

[Date received]

[Service date] 25.01.2019

tattoolab.eu

Certificate

[Article] Tattoo colour
 [Brand] Eternal Ink
 [Colour/product code] DARK CHESTNUT / AA09
 [Test] Heavy Metals acc. to CoE Resolution ResAP(2008)1: Part 3

| Part 3 Testing of heavy metals according to CoE Resolution ResAP(2008)1 | | | | Method: Prior, G. (2014). Tattoo Inks: Analysis, Pigments, Legislation. Berlin: epubli. CTL method 2, p. 83. | | | |
|--|----------------------|-------------|-----------------------|---|----------------------|----------------------------------|-----------------------|
| Amount (ppm) | Elements or compound | Limit (ppm) | Detection limit (ppm) | Amount (ppm) | Elements or compound | Limit (ppm) | Detection limit (ppm) |
| < 1 | Arsenic (As) | ≤ 2 | 1 | < 0.1 | Nickel (Ni) | As low as technically achievable | 0.1 |
| < 5 | Barium (Ba) | ≤ 50 | 5 | < 1 | Lead (Pb) | ≤ 2 | 1 |
| < 0.1 | Cadmium (Cd) | ≤ 0.2 | 0.1 | < 1 | Selenium (Se) | ≤ 2 | 1 |
| < 5 | Cobalt (Co) | ≤ 25 | 5 | < 1 | Antimony (Sb) | ≤ 2 | 1 |
| < 0.1 | Chromium (Cr), VI | ≤ 0.2 | 0.1 | < 5 | Tin (Sn) | ≤ 50 | 5 |
| < 5 | Copper (Cu), soluble | ≤ 25 | 5 | < 5 | Zinc (Zn) | ≤ 50 | 5 |
| < 0.1 | Mercury (Hg) | ≤ 0.2 | 0.1 | | | | |

BIELEFELD, 25. JANUARY 2019


 Helmut Meyer (lab manager)

[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.

The validity of the certificate is 2 years.

[Address] Krackser Straße 12
 33659 Bielefeld, GERMANY
 [Managing Director] Kerry-Luise Prior
 [Based in] Bielefeld
 [Register of Companies] AG Bielefeld, HRB 35-412
 [VAT ID No] DE 176 26 5000

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

[Bank] Sparkasse Gütersloh
 Konrad-Adenauer-Platz 1
 33330 Gütersloh, GERMANY
 [SWIFT/BIC] WELADED 1 GTL
 [IBAN] DE 87 47850065 000 4005345



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

Eternal Ink, Inc.
 7987 Lochlin Drive
 Brighton, MI 48116
 USA

CTL[®] no **384367+384882+385224+386212+389452**

[Order date]

[Date received]

[Service date] 25.01.2019

tattoolab.eu

Certificate

[Article] Tattoo colour
 [Brand] Eternal Ink
 [Colour/product code] DARK CHESTNUT / AA09
 [Test] PAH and BaP acc. to CoE Resolution ResAP(2008)1: Part 4

| Part 4 Testing of Polycyclic Aromatic Hydrocarbons (PAH) and Benzo-a-Pyrene (BaP) according to CoE Resolution ResAP(2008)1 Detection limit: PAH: 0.05 ppm as total; Benzo-a-pyrene: 0.5 ppb Limit: PAH: 0.5 ppm as total; Benzo-a-pyrene: 5 ppb | | EPA, ZEK 2008-01 | |
|--|----------------------|-------------------------|------------------------|
| Amount (ppm) | Elements or compound | Amount (ppm) | Elements or compound |
| --- | Naphthalene | --- | Benz(a)anthracene |
| --- | Acenaphthylene | --- | Chrysene |
| --- | Acenaphthene | --- | Benzo(b)fluoranthene |
| --- | Fluorene | --- | Benzo(k)fluoranthene |
| --- | Phenanthrene | --- | Dibenzo(a,h)anthracene |
| --- | Anthracene | --- | Indo (1,2,3-cd)pyrene |
| --- | Fluoranthene | --- | Benzo(g,h,i)perylene |
| --- | Pyrene | --- | Benzo-a-pyrene (BaP) |

Result as total: all below detection limit

BIELEFELD, 25. JANUARY 2019


 Helmut Meyer (lab manager)

(---) = below detection limit

[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.

The validity of the certificate is 2 years.

[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
 [Homepage] 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



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

Eternal Ink, Inc.
7987 Lochlin Drive
Brighton, MI 48116
USA

CTL[®] no **384367+384882+385224+386212+389452**

[Order date]

[Date received]

[Service date] 25.01.2019

tattoo^{lab}.eu

Certificate

[Article] Tattoo colour
 [Brand] Eternal Ink
 [Colour/product code] DARK CHESTNUT / AA09
 [Test] Sterility acc. to CoE Resolution ResAP(2008)1; ASU §64 LFGB L59.00-4;- L06.00-18: Part 5
tested on a single representative sample

| Part 5 Testing of sterility Detection limit: 1.0 x 10 ¹ CFU/g | |
|---|-------------------------------|
| | Results |
| Microbiological test: pseudomonads = King A, King B, Oxidase test acc. to CoE ResAP(2008)1 | < 1.0 x 10 ¹ CFU/g |
| Anaerobes sulfite-reducing sporulating bacteria acc. to ASU §64 LFGB L59.00-4 | < 1.0 x 10 ¹ CFU/g |
| Aerobes mesophilic sporulating bacteria acc. to ASU §64 LFGB L06.00-18 | < 1.0 x 10 ¹ CFU/g |

BIELEFELD, 25. JANUARY 2019

Helmut Meyer (lab manager)

[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.

The validity of the certificate is 2 years.

[Address] Krackser Straße 12
33659 Bielefeld, GERMANY
 [Managing Director] Kerry-Luise Prior
 [Based in] Bielefeld
 [Register of Companies] AG Bielefeld, HRB 35-412
 [VAT ID No] DE 176 26 5000

[Phone] +49 521 400 82 89 0
 [Email] sekretariat@ctl-mails.de
 [Homepage] ctl-bielefeld.de
 tattoo^{lab}.eu

[Bank] Sparkasse Gütersloh
Konrad-Adenauer-Platz 1
33330 Gütersloh, GERMANY
 [SWIFT/BIC] WELADED 1 GTL
 [IBAN] DE 87 47850065 000 4005345