

**CTL[®] GmbH**

CHEMICAL-TECHNOLOGICAL LABORATORY

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Perma Blend
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[Order date]

[Date received]

[Service date] 03.12.2018

tattoo lab.eu

Certificate

[Article] Permanent Cosmetic Ink

[Brand] Perma Blend

[Colour/product code] Rustic/PBRT

[Test] Aromatic amines and carcinogens acc. to CoE Resolution ResAP(2008)1: Part 1a, Part 1b

Part 1a 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				DIN EN 14362, § 64 LFGB 82.02-2,3,4,9 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
---	Benidine	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-ethoxynaphthalene	---	293733-21-8
---	3,3'-Dichlorobenzidine	202-109-0	91-94-1	---	4-Amino-3-fluorophenol	418-230-9	399-95-1
Part 1b 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				DIN EN 14362, § 64 LFGB 82.02-2,3,4,9 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, 03. DECEMBER 2018

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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.

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