

**CTL<sup>®</sup> GmbH**

CHEMICAL-TECHNOLOGICAL LABORATORY

CTL<sup>®</sup> GmbH | Chemical-Technological Laboratory  
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Perma Blend  
95A Hoffmann ave  
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CTL<sup>®</sup> no **385573+385792+386676**

[Order date]

[Date received]

[Service date] **03.12.2018**


**tattoolab.eu**

## Certificate

[Article] Permanent Cosmetic Ink  
[Brand] Perma Blend  
[Colour/product code] Queens Red/PBQH  
[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, 03. DECEMBER 2018

  
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.

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