



# Certificate

## Zertifikat

Maximum allowed concentrations of impurities for tattoo inks  
Maximal zulässige Grenzwerte an Verunreinigungen in Tätowierfarben

### 77266 Carbon Black Tattoo Ink Sumi 01

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

testing according to COE Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up only Part 3

Methods: ICP-MS method acc. to DIN 11885; Analysis acc. To COE ResAP (89)

**Esslingen, 2013-12-23**

\* As low as technically achievable i.e. 0,5 ppm



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### 77266 Carbon Black Tattoo Ink Sumi 02

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

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### 77266 Carbon Black Tattoo Ink Sumi 03

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

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### 77266 Carbon Black Tattoo Ink Sumi 04

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

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### 77266 Carbon Black Tattoo Ink Sumi 05

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

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Methods: ICP-MS method acc. to DIN 11885; Analysis acc. To COE ResAP (89)

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### 77266 Carbon Black Tattoo Ink Sumi 06

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

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testing according to COE Resolution ResAP(2008)1 on requirements and criteria for the safety of tattoos and permanent make-up only Part 3

Methods: ICP-MS method acc. to DIN 11885; Analysis acc. To COE ResAP (89)

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### 77266 Carbon Black Tattoo Ink Sumi 07

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

Wessling GmbH Analytical Test Report No. CWA13-025842-1

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Methods: ICP-MS method acc. to DIN 11885; Analysis acc. To COE ResAP (89)

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### 77266 Carbon Black Tattoo Ink Liner 08

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

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Methods: ICP-MS method acc. to DIN 11885; Analysis acc. To COE ResAP (89)

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### 77266 Carbon Black Tattoo Ink Liner 09

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

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### 77266 Carbon Black Tattoo Ink Filler 10

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

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### 77266 Carbon Black Tattoo Ink Filler 11

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

Source/Quelle: SGS Institut Fresenius GmbH Analytical Test Report No. 2714631-01;

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### 77266 Carbon Black Tattoo Ink Filler 12

Element or compound	Limit	Passed
Arsenic (As)	2,0 ppm	✓
Barium (Ba)	50,0 ppm	✓
Cadmium (Cd)	0,2 ppm	✓
Cobalt (Co)	25,0 ppm	✓
Chromium (Cr), VI	0,2 ppm	✓
Copper (Cu), soluble	25,0 ppm	✓
Mercury (Hg)	0,2 ppm	✓
Nickel (Ni)	0,5 ppm*	✓
Lead (Pb)	2,0 ppm	✓
Selenium (Se)	2,0 ppm	✓
Antimony (Sb)	2,0 ppm	✓
Tin (Sn)	50,0 ppm	✓
Zinc (Zn)	50,0 ppm	✓
Polycyclic aromatic hydrocarbons (PAH)	0,5 ppm	✓
Benzene-a-Pyrene (BaP)	5,0 ppb	✓

**Warning: Can contain traces of nickel. Can cause allergic reactions.**

**Warnung: Kann Spuren von Nickel enthalten. Kann allergische Reaktionen verursachen.**

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