



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



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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

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

H-A-N - Haus der Angewandten
Naturwissenschaften-Gesellschaft mbH
Eberhard-Bauer-Str. 32
73734 Esslingen a.N.

Geschäftsführer
Julia Biedermann
Michael Dirks

Kreissparkasse Esslingen-Nürtingen
BLZ 611 500 20
Kto.-Nr. 0100797512
IBAN: DE15 6115 0020 0100 7975 12
BIC: ESSLDE66XXX

Fon: +49 (0) 711 358720-20
Fax: +49 (0) 711 358720-49

Amtsgericht Stuttgart
HRB 72557
Steuer-Nr. 59340/22579



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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

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



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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

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

H-A-N - Haus der Angewandten
Naturwissenschaften-Gesellschaft mbH
Eberhard-Bauer-Str. 32
73734 Esslingen a.N.

Geschäftsführer
Julia Biedermann
Michael Dirks

Kreissparkasse Esslingen-Nürtingen
BLZ 611 500 20
Kto.-Nr. 0100797512
IBAN: DE15 6115 0020 0100 7975 12
BIC: ESSLDE66XXX

Fon: +49 (0) 711 358720-20
Fax: +49 (0) 711 358720-49

Amtsgericht Stuttgart
HRB 72557
Steuer-Nr. 59340/22579



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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

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

H-A-N - Haus der Angewandten
Naturwissenschaften-Gesellschaft mbH
Eberhard-Bauer-Str. 32
73734 Esslingen a.N.

Geschäftsführer
Julia Biedermann
Michael Dirks

Kreissparkasse Esslingen-Nürtingen
BLZ 611 500 20
Kto.-Nr. 0100797512
IBAN: DE15 6115 0020 0100 7975 12
BIC: ESSLDE66XXX

Fon: +49 (0) 711 358720-20
Fax: +49 (0) 711 358720-49

Amtsgericht Stuttgart
HRB 72557
Steuer-Nr. 59340/22579



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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;

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

H-A-N - Haus der Angewandten
Naturwissenschaften-Gesellschaft mbH
Eberhard-Bauer-Str. 32
73734 Esslingen a.N.

Geschäftsführer
Julia Biedermann
Michael Dirks

Kreissparkasse Esslingen-Nürtingen
BLZ 611 500 20
Kto.-Nr. 0100797512
IBAN: DE15 6115 0020 0100 7975 12
BIC: ESSLDE66XXX

Fon: +49 (0) 711 358720-20
Fax: +49 (0) 711 358720-49

Amtsgericht Stuttgart
HRB 72557
Steuer-Nr. 59340/22579



Certificate

Zertifikat

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

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

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



Certificate

Zertifikat

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

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;

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



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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;

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

H-A-N - Haus der Angewandten
Naturwissenschaften-Gesellschaft mbH
Eberhard-Bauer-Str. 32
73734 Esslingen a.N.

Geschäftsführer
Julia Biedermann
Michael Dirks

Kreissparkasse Esslingen-Nürtingen
BLZ 611 500 20
Kto.-Nr. 0100797512
IBAN: DE15 6115 0020 0100 7975 12
BIC: ESSLDE66XXX

Fon: +49 (0) 711 358720-20
Fax: +49 (0) 711 358720-49

Amtsgericht Stuttgart
HRB 72557
Steuer-Nr. 59340/22579



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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;

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



H-A-N - Haus der Angewandten
Naturwissenschaften - GmbH

Certificate

Zertifikat

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

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;

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



Certificate

Zertifikat

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

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.

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