

Description	TL-No.: rticle: colour:	61892/2 1 sample of a tattoo pigment Tattoo Outlining Ink		
not detectable  not detectable  yes  uccording to EU Resolution ResAP(2008)1  // elehods acc. to § 64 LFGB 82.02-2.34.9  petection limit. 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b  not detectable  yes  lectoring to EU Resolution ResAP(2008)1  // mestigation of carcinogens classified in  Categories 1, 2 and 3 by the European Commission  and mentioned in the Council Directive  and mentioned in the Council Direction ResAP(2008)1  and detectable   not detectable   not detectable   yes  and detectable   not detectable   yes  and mentioned in the Council Direction Indirection ResAP(2008)1  and detectable  not detectable  not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   yes  acc. to EU Resolution ResAP(2008)1  Rot detectable  not detectable  not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   yes  acc. to EU Resolution ResAP(2008)1  Rot detectable  not detectab			passed	
not detectable  not detectable  yes  uccording to EU Resolution ResAP(2008)1  // elehods acc. to § 64 LFGB 82.02-2.34.9  petection limit. 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b  not detectable  yes  lectoring to EU Resolution ResAP(2008)1  // mestigation of carcinogens classified in  Categories 1, 2 and 3 by the European Commission  and mentioned in the Council Directive  and mentioned in the Council Direction ResAP(2008)1  and detectable   not detectable   not detectable   yes  and detectable   not detectable   yes  and mentioned in the Council Direction Indirection ResAP(2008)1  and detectable  not detectable  not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   yes  acc. to EU Resolution ResAP(2008)1  Rot detectable  not detectable  not detectable   not detectable   not detectable   not detectable   not detectable   not detectable   yes  acc. to EU Resolution ResAP(2008)1  Rot detectable  not detectab				
Detection limit: 1 ppm, Limit. 2 ppm, Limit. 2 ppm   Limit: 2 ppm   Limit: 3 ppm   Limit: 4 pp	nvestigation of aromatic amines with carcinogerial nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1	not detectable	yes	
methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 methods: TLC., HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) 2 ppm	Azo-dyestuffs, Part 1b nvestigation of carcinogens classified in Categories 1, 2 and 3 by the European Commission and mentioned in the Council Directive	not detectable	yes	
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution Acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit: Arsenic (As)	according to EU Resolution ResAP(2006)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9			
Heavy metals, Part 3     acc. to EU Resolution ResAP(2008)1     Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1     Limit:	Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes	
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic Investigation of 16 compounds of 16 compounds	Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 25 ppm Cobalt (Co) 25 ppm Cohomium (Cr), VI 0.2 ppm Copper (Cu), soluble Mercury (Hg) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 50 ppm 50 ppm 50 ppm 50 ppm	< 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes	
	PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1	Acenaphthylene 0.02 ppm Acenaphthene 0.03 ppm Fluorene 0.08 ppm Pyrene 0.02 ppm	VAS	
result	Limit, PAH 0.5 ppm as total, BaP 5 ppb	total: 0.16 ppm passed	yes_	





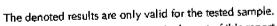
TEST RESULTS

TL-No.: Article: Colour:	61892/3 1 sample of a tattoo pigment Graywash Shading Ink		
			passed
Azo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable		yes
Detection limit: 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b Investigation 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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm	not detectable		yes
Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable		yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit:  Arsenic (As) Barium (Ba) Cadmium (Cd) Cobalt (Co) Chromium (Cr), VI Copper (Cu), soluble Mercury (Hg) Nicket (Ni) As low as technically achievable Lead (Pb) Selenium (Se) Antimony (Sb) Tin (Sn)  Methods: Part 3 Analysis acc. to EU ResAP(89)1 Limit:  2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 50 ppm 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 25 ppm < 0.5 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm		yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Phenanthrene Pyrene total:	0.01 ppm 0.01 ppm 0.02 pp <u>m</u>	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb		passed	

CTL Bielefeld GmbH Ch. Hahr i, A. Marion Hahn

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TEST RESULTS

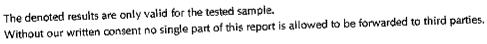
### Tests and results

L-No.:	63495/1 1 sample of a tattoo colour "Kuro Sum Cherry Shading Ink	
lour:		passed
co-dyestuffs, Part 1a vestigation of aromatic amines with carcinogenic, utagenic, reprotoxic and sensitising properties cording to EU Resolution ResAP(2008)1 ethods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
etection limit: 1 ppm, Limit: 35 ppm zo-dyestuffs, Part 1b evestigation of carcinogens classified in ategories 1, 2 and 3 by the European Commission and mentioned in the Council Directive	not detectable	yes
ccording to EU Resolution ResAF(2000).  Methods acc. to § 64 LFGB 82.02-2,3,4,9		
Detection limit: 1 ppm  Dyestuffs, Part 2  acc. to EU Resolution ResAP(2008)1  Methods: TLC-, HPLC-, GC/MS-analysis  acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods; extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Arsenic (As)  Barium (Ba)  Cadmium (Cd)  Cobalt (Co)  Chromium (Cr), VI  Copper (Cu), soluble  Mercury (Hg)  Nickel (Ni)  Lead (Pb)  Selenium (Se)  Antimony (Sb)  Tin (Sn)	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
Zinc (Zn)  PAH and BaP, Part 4  Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1  Methods acc. to EPA, ZEK 2008-01  Methods acc. to EPA, D 5 ppm as total, BaP 0.5 ppb	Phenanthrene 0.13 ppm total: 0.13 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb result	passed	





TL-No.:	63495/2 1 sample of a tattoo colour "Kurd Bronze Shading Ink	o Sumi"
olour:		passed
Azo-dyestuffs, Part 1a nivestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc, to § 64 LFGB 82.02-2,3,4,9 Methods acc, to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
Detection limit: 1 ppm, Limit: 30 ppm Azo-dyestuffs, Part 1b investigation 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	not detectable	yes
according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm		
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable	yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit:  Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 0.2 ppm Cobalt (Co) 25 ppm Cohromium (Cr), VI 0.2 ppm Copper (Cu), soluble Mercury (Hg) 0.2 ppm Nickel (Ni) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 50 ppm Tin (Sn) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm <0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Acenaphtene 0.05 ppm Phenanthrene 0.07 ppm total: 0.12 ppm	yes
Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb  Limit: PAH 0.5 ppm as total, BaP 5 ppb  result	total: 0.12 ppm passed	







TEST RESULTS

### Tests and results

ests and results 61892/1		
		}
TL-No.:	New Agento	ļ
rticle:	(1011 / 154	1
olour:		
		passed
zo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic,		yes
nvestigation of aromatic arrives with our properties	not detectable	
· · · · · · · · · · · · · · · · · · ·		
ALABANE ACC TO A D4 LEGG GEORGE FIGURE		
Detection limit: 1 ppm, Limit: 30 ppm		
		yes
	not detectable	,
a monotioned in the County Director		
1 4 = 4 = 4 0 /C E (C) at 2 / 11108 1807 (		
Methods acc. to § 64 LFGD 62.02-2,0,-1,0		
Detection limit: 1 ppm		
D. satuffo Bart 2		MOD
1 * #11 Dassalidion RPSAP1200971	not detectable	yes
Methods: TLC-, HPLC-, GC/MS-analysis		
acc. to DIN 54231	<u></u>	
Detection limit: 5 mg/l_		
by motale Part 3		
acc. to EU Resolution ResAP(2008)1	·	
acc. to EU Resolution ResAP(2006)1 Methods: extraction using acidic perspiration solution Methods: extraction Logic Applies and to EU ResAP(89)1		
1 1 DIN 38X0R-E29 AUGUVES GFC. 17		
Limit:	< 2 ppm	
2 ppm	50 ppm	
(As)	< 0.2 ppm	
Banum (ba)	< 25 ppm	
Cadmidit (Co)	<0.2 ppm	
(Copair (Co)	< 25 ppm	yes
Kinromium (O), Vi	< 0.2 ppm	
Copper (Cu), solobio	∠ O 5 pom	1
[Mercury (119) As I are to choically achievable	< 2 ppm	1
IMONG: (1.1)	< 2 ppm	
Lead (FP)	< 2 ppm	
Selenium (Se)	< 50 ppm	
Antimony (SD)	< 50 ppm	
flin (Sn) 50 ppm	~ 50 ppm	
Zinc (Zn)		
have alteration of 16 compounds of Follows		
1	0.04	
Line to ELL Decalution ResAPIZOVO	Phenanthrene 0.01 ppm	1
Methods acc. to EPA, ZEK 2008-01		yes
	<u>total: 0.01 ppm</u>	1 700
h imit: PAH 0.5 opin as total, bar <u>o ppb</u>	passed	
result		





TEST RESULTS

TL-No.:	63495/3 1 sample of a tattoo colour "Millenium Hello Yellow	Colorworks Inc"
olour:		passed
vzo-dyestuffs, Part 1a hvestigation of aromatic amines with carcinogenic, hutagenic, reprotoxic and sensitising properties hecording to EU Resolution ResAP(2008)1 hethods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
Detection limit: 1 ppm, Limit: 50 ppm Azo-dyestuffs, Part 1b nivestigation of carcinogens classified in Categories 1, 2 and 3 by the European Commission Categories 1, 2 and 3 by the European Commission and mentioned in the Council Directive	not detectable	yes
1967/548/EEC of 27 3th le 1967/548/EEC of 27		
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Arsenic (As) Barium (Ba) Cadmium (Cd) Cobalt (Co) Chromium (Cr), VI Copper (Cu), soluble Mercury (Hg) Nickel (Ni) Lead (Pb) Selenium (Se) Antimony (Sb)  Derespiration ResAP(2008)1  Limit: 2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 2 ppm 2 ppm 2 ppm 2 ppm 5 ppm 5 ppm	< 50 ppm < 0.2 ppm < 0.2 ppm < 25 ppm <0.2 ppm < 25 ppm < 0.5 ppm	yes
Zinc (Zn) PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Methods acc. to EPA, D 05 ppm as total, BaP 0.5 ppb	Phenanthrene 0.16 ppr total: 0.16 pp	
Limit: PAH 0.5 ppm as total, BaP 5 ppb result	passed	

Yours sincerely CTL Bielefeld GmbH

i. A, Marion Hahn

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TEST RESULTS

#### Tests and results

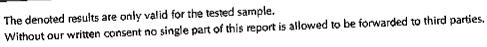
CTL-No.: Article: Colour:	icle: powerwnite	
		passed
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, Investigation of aromatic amines with carcinogenic amines with carcinogenic amines with a second carcinogenic ami	not detectable	yes
Detection limit: 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b Investigation 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 EU Resolution ResAP(2008)1 according to EU Resolution ResAP(2008)1	not detectable	yes
Methods acc. to § 64 LFGB 82.02-2,3,4,9  Detection limit: 1 ppm		
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) 2 ppm Barium (Ba) 0.2 ppm Cadmium (Cd) 25 ppm Cobalt (Co) 0.2 ppm Cohromium (Cr), VI 0.2 ppm Copper (Cu), soluble 0.2 ppm Mercury (Hg) As low as technically achievable 2 ppm Antimony (Sb) 2 ppm Antimony (Sb) 2 ppm 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm <0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
Zinc (Zn)  Zinc (Zn)  PAH and BaP, Part 4  Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1  Methods acc. to EPA, ZEK 2008-01  Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	not detectable	yes
I ivoit PAH 0.5 ppm as total, bar o ppo	passed	
result		_





o.: 63349/2 1 sample of a tattoo colour magic magenta r:			
			passed
T Port do			
zo-dyestuffs, Part 1a vestigation of aromatic amines with carcinogenic,	not detectable		yes
	not defectable		
coording to EU Resolution ResAP(2008)1			
dethods acc. to § 64 LFGB 82.02-2,3,4,9			
Detection limit: 1 ppm, Limit: 30 ppm			
· · · · · · · · · · · · · · · · · · ·			
	not detectable		yes
	1104 000-130-1		
and mantioned in the Council Director			
. * * * * * * * * * * * * * * * * * * *			
to EU Decolution RESAT(2000)			
Methods acc. to § 64 LFGB 82.02-2,3,4,9			
Detection limit: 1 ppm			
Durity Ho Dort 2			
T TI Desalution RASAPIZUVOII	not detectable		yes
Methods: TLC-, HPLC-, GC/MS-analysis	1100 4-111		
acc. to DIN 54231			
Detection limit: 5 mg/L			
The most ale Part 3		1	
acc. to EU Resolution ResAr(2007) Methods: extraction using acidic perspiration solution Methods: extraction using acidic perspiration solution		•	
less to DIN 38406-E29; Analysis acc. 10 20			
Lillie	< 2 ppm	]	
Arsenic (As) 2 ppm	< 50 ppm		
Position (Re)	< 0.2 ppm		
Codmium (Cd)	< 25 ppm		yes
Cobalt (Co)	<0.2 ppm		
Chromium (Cr), VI	< 25 ppm		
Copper (Cu), soluble	< 0.2 ppm		
Mercury (Hg)	< 0.5 ppm		
Nickel (Ni) As low as technically defined	< 2 ppm		
Lead (Pb)	< 2 ppm		
Selenium (Se)	< 2 ppm		
Antimony (Sb)	< 50 ppm	·	
(III (OI) 50 nom	< 50 ppm		
Zinc (Zii)			
PAH and BaP, Part 4		0.30 ppm	
limination of 16 compounds of Folyoyono	Phenanthrene	u.su ppru	
hardarbane iacl Renzene-a-vyrene			
acc. to EU Resolution ResAP(2008)1	z., a – 1-	0.30 ppm	yes
	total:	о.зо ррпп	1
Methods acc. to EPA, ZER 2006 of the State o			
N : DALL O & WARD AS IDIAL DAF V MPV		passed	







L-No.: 63349/3 1 sample of a tattoo colour black cherry			
olour:			passed
Azo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable		yes
Detection limit: 1 ppm, Limit. 35 ppm.  Azo-dyestuffs, Part 1b Investigation of carcinogens classified in Categories 1, 2 and 3 by the European Commission Categories 1, 2 and 3 by the European Commission	not detectable		yes
and frientification and the state of the sta			
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable		yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As)	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm		yes
Zinc (Zn)  PAH and BaP, Part 4  Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1  Methods acc. to EPA, ZEK 2008-01  Methods acc. to EPA, Dead of the Part of	Acenaphthene Phenanthrene total:	0.07 ppm 0.30 ppm 0.37 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb result		passed	



TL-No.: Article: Colour:	63349/4 1 sample of a tattoo colour onyx		
		passed	
Azo-dyestuffs, Part 1a			
nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm, Limit: 30 ppm	not detectable	yes	
Azo-dyestuffs, Part 1b Investigation 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 FU Resolution ResAP(2008)1	not detectable	yes	
Methods acc. to § 64 LFGB 82.02-2,3,4,9			
Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis	not detectable	yes	
acc. to DIN 54231 Detection limit: 5 mg/L			
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) Barium (Ba) Cadmium (Cd) Cobalt (Co) Chromium (Cr), VI Copper (Cu), soluble Mercury (Hg) Nickel (Ni) As low as technically achievable Lead (Pb) Selenium (Se) Antimony (Sb) Tin (Sn) Zinc (Zn)  Metal ResAP(89)1  Limit:  2 ppm 50 ppm 50 ppm  Solution	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes	
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Acenaphthene 0.08 ppm 0.09 ppm total: 0.17 ppm	yes	
Limit: PAH 0.5 ppm as total, BaP 5 ppb result	passed		





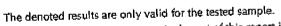
TEST RESULTS

TL-No.: rticle: olour:	63349/5 1 sample of a tattoo colour gump		
			passed
zo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties ccording to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm, Limit: 30 ppm	not detectable		yes
vertection time: - ppn, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2m, 2m	not detectable		yes
Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable		yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) Barium (Ba) Cadmium (Cd) Cobalt (Co) Cohomium (Cr), VI Copper (Cu), soluble Mercury (Hg) Mercury (Hg) Nickel (Ni) Lead (Pb) Selenium (Se) Antimony (Sb) Tin (Sn) Zinc (Zn)  Perspiration solution Acc. to EU ResAP(89)1  Limit:  2 ppm  0.2 ppm  0.2 ppm  0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.2 ppm 0.3 ppm 0.4 ppm 0.5 ppm 0.5 ppm 0.5 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm		yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Naphthalene Acenaphthene Phenanthrene total:	0.06 ppm 0.06 ppm 0.17 ppm 0.29 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb		passed	

Yours sincerely CTL Bielefeld GrabH i. A. Marion Hahn

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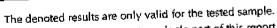
# wir helfen, beraten und prüfen



CTL® GmbH Bielefeld, Chemical-Technological Laboratory Kracksorstrasse 12, 33659, Bielefeld, Germany

L-No.: ticle:	62411/12 1 sample of a tattoo colour Kuro Sumi Colors mineranu green		
olour:			passed
zo-dyestuffs, Part 1a			
vestigation of aromatic amines with cardinage its utagenic, reprotoxic and sensitising properties occording to EU Resolution ResAP(2008)1	not detectable		yes
etection limit: 1 ppm, Limit: 30 ppm  zo-dyestuffs, Part 1b  ivestigation of carcinogens classified in categories 1, 2 and 3 by the European Commission and mentioned in the Council Directive	not detectable		yes
967/548/EEC of 27 June 1967 according to EU Resolution ResAP(2008)1 fethods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm			
Oyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable		yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As)  Barium (Ba)  Cadmium (Cd)  Cobalt (Co)  Chromium (Cr), VI  Copper (Cu), soluble  Mercury (Hg)  Nickel (Ni)  Lead (Pb)  Selenium (Se)  Antimony (Sb)  Tin (Sn)	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm		yes
Zinc (Zn) 50 ppm  PAH and BaP, Part 4  Investigation of 16 compounds of Polycyclic  hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1  Methods acc. to EPA, ZEK 2008-01  Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb  Limit: PAH 0.5 ppm as total, BaP 5 ppb	Naphthalene Acenaphthene Fluorene Phenanthrene total:	0.08 ppm 0.19 ppm 0.09 ppm 0.11 ppm 0.47 ppm	yes
result		passed	





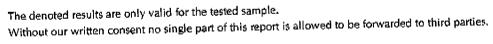


## TEST RESULTS

CTL-No.: Article: Colour:	62411/13 1 sample of a tattoo colour Kuro Sumi Colors black	
		passed
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
Detection limit: 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b  Investigation of carcinogens classified in  Categories 1, 2 and 3 by the European Commission  and mentioned in the Council Directive	not detectable	yes
according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) 2 ppm  Barium (Ba) 50 ppm  Cadmium (Cd) 0.2 ppm  Cobalt (Co) 25 ppm  Chromium (Cr), VI 0.2 ppm  Copper (Cu), soluble 25 ppm  Mercury (Hg) 0.2 ppm  Nickel (Ni) As low as technically achievable Lead (Pb) 2 ppm  Selenium (Se) 2 ppm  Antimony (Sb) 2 ppm  Zinc (Zn) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm 0.8 ppm 270 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	no
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Acenaphthene 0.30 ppm Fluorene 0.11 ppm  total: 0.41 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb	passed	

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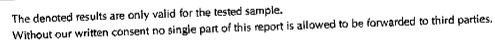




TL-No.: .rticle:	62411/14 1 sample of a tattoo colour Kuro Sumi Colors murasaki purple		
			passed
Azo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable		yes
Detection limit: 1 ppm, Limit: 30 ppm Azo-dyestuffs, Part 1b nvestigation 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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm	not detectable		yes
Detection limit: 1 pp.// Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable		yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit:  Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 0.2 ppm Cobalt (Co) 25 ppm Chromium (Cr), VI 0.2 ppm Copper (Cu), soluble Mercury (Hg) 0.2 ppm Nickel (Ni) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm		yes
Zinc (Zn) 50 ppm  PAH and BaP, Part 4  Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1  Methods acc. to EPA, ZEK 2008-01  Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Acenaphthene Fluorene Phenanthrene total:	0.15 ppm 0.09 ppm 0.09 ppm 0.33 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb		passed	



CTL-No.: Article:	62411/15 1 sample of a tattoo colour Kuro Sumi Colors white rice mixing	
Colour:		passed
Azo-dyestuffs, Part 1a		
Investigation of aromatic arrifles with Caloning of the mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1  Methods acc. to \$ 64 LFGB 82.02-2,3,4,9	not detectable	yes
Detection limit: 1 ppm, Limit: 30 ppm  Azo-dyestuffs, Part 1b Investigation 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	not detectable	yes
according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm		
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1  Methods: extraction using acidic perspiration solution Methods: extraction using acidic perspiration solution Acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit:  Arsenic (As) 2 ppm  Barium (Ba) 50 ppm  Cadmium (Cd) 0.2 ppm  Cobalt (Co) 25 ppm  Cobalt (Co) 0.2 ppm  Copper (Cu), soluble 0.2 ppm  Mercury (Hg) 0.2 ppm  Mercury (Hg) As low as technically achievable 2 ppm  Lead (Pb) 2 ppm  Selenium (Se) 2 ppm  Antimony (Sb) 50 ppm  Zinc (Zn) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1	Phenanthrene 0.12 ppm total: 0.12 ppm	
Detection limit: PAH 0.05 ppm as total, BaP 5 ppb	passed	
result		





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TL-No.:	62411/16 1 sample of a tattoo colour Kuro Sumi Colors suna gold	
colour:		passed
Azo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9	70 mg/kg o-anisidine	no
Detection limit: 1 ppm, Limit: 30 ppm Azo-dyestuffs, Part 1b nvestigation 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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm	not detectable	yes
Detection sinit: 1 ppt:  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable	yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit: Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 25 ppm Cobalt (Co) 25 ppm Cobalt (Co) 0.2 ppm Copper (Cu), soluble Mercury (Hg) 0.2 ppm Nickel (Ni) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 50 ppm 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb	Acenaphthene 0.17 ppm Phenanthrene 0.28 ppm total: 0.45 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb result	passed	





TEST RESULTS

TL-No.: rticle:	62411/18 1 sample of a tattoo colour Kuro Sumí Colors chairo brown	
olour:		passed
zo-dyestuffs, Part 1a nvestigation of aromatic amines with carcinogenic, nutagenic, reprotoxic and sensitising properties nccording to EU Resolution ResAP(2008)1	not detectable	yes
Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm, Limit: 30 ppm		
Azo-dyestuffs, Part 1b nvestigation 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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
Detection limit: 1 ppm  Dyestuffs, Part 2  acc. to EU Resolution ResAP(2008)1  Methods: TLC-, HPLC-, GC/MS-analysis  acc. to DIN 54231  Detection limit: 5 mg/L	not detectable	yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1 Limit:  Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 0.2 ppm Cobalt (Co) 25 ppm Cohormium (Cr), VI 0.2 ppm Copper (Cu), soluble Mercury (Hg) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 50 ppm Zinc (Zn) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 25 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb Limit: PAH 0.5 ppm as total, BaP 5 ppb	Phenanthrene 0.2 ppm total: 0.2 ppm	
result	passed	

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CTL-No.: Article:	62411/19 1 sample of a tattoo colour Kuro Sumi Colors chi red	
Colour:		passed
		ļ
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Methods acc. to § 64 LFGB 82.02-2,3,4,9	not detectable	yes
Azo-dyestuffs, Part 1b Investigation of carcinogens classified in	not detectable	yes
and mentioned in the Council Street 1967/548/EEC of 27 June 1967 according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82,02-2,3,4,9		
Detection limit: 1 ppm  Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231	not detectable	yes
Detection limit: 5 mg/L  Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution Limit:  Arsenic (As) Barium (Ba) Cadmium (Ba) Cadmium (Cd) Cob ppm Cadmium (Cd) Cob ppm Cobalt (Co) Chromium (Cr), VI Copper (Cu), soluble Mercury (Hg) Nickel (Ni) Lead (Pb) Selenium (Se) Antimony (Sb) Selenium (Se) Antimony (Sb) Selenium (Se) Appm Selenium (Se) Ap	< 2 ppm < 50 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.5 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
In (Sn) Zinc (Zn) Zinc (Zn)  PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Secretary limit: PAH 0 05 ppm as total, BaP 0.5 ppb	Acenaphthene 0.15 ppm Fluorene 0.07 ppm Phenanthrene 0.23 ppm total: 0.45 ppm	yes
Limit: PAH 0.5 ppm as total, BaP 5 ppb	passed	



CTL<sup>e</sup> GmbH Blelefold, Chemical-Technological Laboratory Krackscratrasse 12, 33659, Bielefeld, Germany

Article: Colour:	62411/20 1 sample of a tattoo colour Kuro Sumi Colors mt. fugi magenta	
		passed
No. 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		
Azo-dyestuffs, Part 1a Investigation of aromatic amines with carcinogenic, mutagenic, reprotoxic and sensitising properties according to EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm, Limit: 30 ppm	not detectable	yes
Azo-dyestuffs, Part 1b		
Investigation 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 EU Resolution ResAP(2008)1 Methods acc. to § 64 LFGB 82.02-2,3,4,9 Detection limit: 1 ppm	not detectable	yes
Dyestuffs, Part 2 acc. to EU Resolution ResAP(2008)1 Methods: TLC-, HPLC-, GC/MS-analysis acc. to DIN 54231 Detection limit: 5 mg/L	not detectable	yes
Heavy metals, Part 3 acc. to EU Resolution ResAP(2008)1 Methods: extraction using acidic perspiration solution acc. to DIN 38406-E29; Analysis acc. to EU ResAP(89)1  Limit: Arsenic (As) 2 ppm Barium (Ba) 50 ppm Cadmium (Cd) 0.2 ppm Cobalt (Co) 25 ppm Chromium (Cr), VI 0.2 ppm Copper (Cu), soluble 25 ppm Mercury (Hg) 0.2 ppm Nickel (Ni) As low as technically achievable Lead (Pb) 2 ppm Selenium (Se) 2 ppm Antimony (Sb) 2 ppm Tin (Sn) 50 ppm Zinc (Zn) 50 ppm	< 2 ppm < 50 ppm < 0.2 ppm < 0.2 ppm < 25 ppm < 0.2 ppm < 0.2 ppm < 0.5 ppm < 2 ppm < 2 ppm < 2 ppm < 50 ppm < 50 ppm	yes
PAH and BaP, Part 4 Investigation of 16 compounds of Polycyclic hydrocarbons incl. Benzene-a-pyrene acc. to EU Resolution ResAP(2008)1 Methods acc. to EPA, ZEK 2008-01 Detection limit: PAH 0.05 ppm as total, BaP 0.5 ppb Limit: PAH 0.5 ppm as total, BaP 5 ppb result	Phenanthrene 0.17 ppm  total: 0.17 ppm passed	yes

