

Certificate Of Analysis

JEWELRY SET PRINCESS SET OF 3



Report number **S34935030-395337-1**

Print date: **2021-02-12**

Applicant:	Koopman International
Country:	The Netherlands
Article description:	JEWELRY SET PRINCESS SET OF 3
Item number:	S34935030
Order number:	395337
Date of article received:	januari 25, 2021
Testing Completed:	februari 12,2021
EAN code:	8720573025201

Conclusion: Passed

The test results only apply to the tested specimens

Signed for and on behalf of Koopman International B.V.


Koopman International B.V.
Distelweg 88
1031 HH-AMSTERDAM
Tel. (+31)20-4947777 / Fax (+31)20-6366131
Ir. Ing. E. Ramadan
Chemist & Technologist.

Koopman International BV has a verified Bureau Veritas procedure of Laboratory Testing and a Bureau Veritas verification of REACH compliance. The test itself and the associated report is reviewed by Koopman International BV.





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Summary of tested parts.

Part(s) description:

chromed plastic

pink deco

blue deco

(The test results for the above part(s) are found at the next pages)

	Result	Units	Spec rule	Min	Max
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Part description: chromed plastic

Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	10	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	0	ppm	Result <= MAX		100

PAH (15 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

sum of 15 PAH	0	ppm	Result <= MAX		5
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

PCN

according to: Regulation (EC) 2019/1021 - Persistent Organic Pollutants (POP) on PCN.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Halowax 1000 mono PCN	Not detected		Result < MAX		0,1
Halowax 1000 di PCN	Not detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not detected		Result < MAX		0,1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMF (DIMETHYLFUMARATE)	Not detected		Result < MAX		0.1
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	Result	Units	Spec rule	Min	Max
a BHC	Not detected		Result < MAX		1.0
Hexachlorobenzene	Not detected		Result < MAX		1.0
d BHC	Not detected		Result < MAX		1.0
b BHC	Not detected		Result < MAX		1.0
g BHC	Not detected		Result < MAX		1.0
Heptachlor epoxide A	Not detected		Result < MAX		1.0
Heptachlor epoxide B	Not detected		Result < MAX		1.0
Heptachlor	Not detected		Result < MAX		1.0
Aldrin	Not detected		Result < MAX		1.0
Isodrin	Not detected		Result < MAX		1.0
Endrin	Not detected		Result < MAX		1.0
Endosulfan I	Not detected		Result < MAX		1.0
Endosulfan II	Not detected		Result < MAX		1.0
44 DDE	Not detected		Result < MAX		1,0
Dieldrin	Not detected		Result < MAX		1.0
44 DDD	Not Analyzed		Result < MAX		1,0
44 DDT	Not detected		Result < MAX		1,0
Endosulfan Sulfate	Not detected		Result < MAX		1,0
Methoxychlor	Not detected		Result < MAX		1.0
Mirex	Not detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not detected		Result < MAX		1.0
Toxaphene	Not detected		Result < MAX		1.0
Kepone	Not detected		Result < MAX		1.0

SVOC & CMR

according to: Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

PENTACHLOROETHANE	Not detected		Result < MAX		10000
2 AMINO NAPHTHALENE	Not detected		Result < MAX		1000
DIPHENYL AMINE	Not detected		Result < MAX		100
BENZYLALCOHOL	Not detected		Result <= MAX		100

	Result	Units	Spec rule	Min	Max
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Phenols

according to: POP EU/2019/1021 on PCP content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Phenol / Phenylalcohol	Not detected		Result <= MAX		10
Phenol, 2,4,6-trichloro-	Not detected		Result <= MAX		10000
Phenol, 2-methyl-4,6-dinitro-	Not detected		Result <= MAX		10000
Phenol, pentachloro- / PCP	Not detected		Result <= MAX		10000

PCB

according to: POP COMMISSION REGULATION No EC 2019/1021

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Chlorobiphenyl	Not detected		Result <= MAX		1.0
Dichlorobiphenyl	Not detected		Result <= MAX		1.0
Trichlorobiphenyl	Not detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not detected		Result <= MAX		1.0
Octachlorobiphenyl	Not detected		Result <= MAX		1.0
Decachlorobiphenyl	Not detected		Result <= MAX		1.0

PAA

according to: TSD 2009/48/EC - Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

o Aminoazotoluene	Not detected		Result <= MAX		1000
4 Aminobiphenyl	Not detected		Result <= MAX		1000
5 Nitro o Toluidine	Not detected		Result <= MAX		10000
Benzidine	Not detected		Result <= MAX		1000
4 Chloroaniline	Not detected		Result <= MAX		1000
4 Chloro o Toluidine	Not detected		Result <= MAX		1000
p Cresidine	Not detected		Result <= MAX		1000
44 Diaminodiphenylmethane	Not detected		Result <= MAX		1000

	Result	Units	Spec rule	Min	Max
24 Diaminotoluene	Not detected		Result <= MAX		1000
33 Dichlorobenzidine	Not detected		Result <= MAX		1000
33 Dimethoxybenzidine	Not detected		Result <= MAX		1000
33 Dimethylbenzidine	Not detected		Result <= MAX		1000
Bis 3 chloro 4 aminophenyl methane	Not detected		Result <= MAX		1000
44 Methylenedi o toluidine	Not detected		Result <= MAX		1000
2 Naphthylamine	Not detected		Result <= MAX		1000
44 Oxydianiline	Not detected		Result <= MAX		1000
44 Thiodianiline	Not detected		Result <= MAX		1000
o Toluidine	Not detected		Result <= MAX		1000
245 Trimethylaniline	Not detected		Result <= MAX		1000
Phenylazoaniline	Not detected		Result <= MAX		1000
2 Aminobiphenyl	Not detected		Result <= MAX		1000000
o Anisidine	Not detected		Result <= MAX		1000
Azobenzene	Not detected		Result <= MAX		1000
Aniline	Not detected		Result <= MAX		10000

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not detected		Result <= MAX		1000000
Methoxyacetic acid	Not detected		Result <= MAX		1000000
12 Dichloroethane	Not detected		Result <= MAX		1000000
N methylacetamide	Not detected		Result <= MAX		1000000
NN dimethylformamide	Not detected		Result <= MAX		1000000
Acrylamide	Not detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not detected		Result <= MAX		1000000
1 Bromopropane	Not detected		Result <= MAX		1000000
123 Trichloropropane	Not detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not detected		Result <= MAX		1000000
Trichloro ethene	Not detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not detected		Result <= MAX		1000000
TBTO	Not detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
TCEP	Not detected		Result <= MAX		1000000
DNT	Not detected		Result <= MAX		1000000
DINOSEB	Not detected		Result <= MAX		1000000
4 tert Octylphenol	Not detected		Result <= MAX		1000000
Nonyl Phenol	Not detected		Result <= MAX		1000000
Musk Xylene	Not detected		Result <= MAX		1000000
o Toluidine	Not detected		Result <= MAX		1000000
44 MDA	Not detected		Result <= MAX		1000000
4 Aminobiphenyl	Not detected		Result <= MAX		1000000
p Cresidine	Not detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not detected		Result <= MAX		1000000
24 Diaminotoluene	Not detected		Result <= MAX		1000000
Phenylazoaniline	Not detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not detected		Result <= MAX		1000000
44 Oxydianiline	Not detected		Result <= MAX		1000000
o Aminoazotoluene	Not detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not detected		Result <= MAX		1000000
Phenolphthalein	Not detected		Result <= MAX		1000000
Basic Violet 3	Not detected		Result <= MAX		1000000
Victoria Blue 26	Not detected		Result <= MAX		1000000
TEGDME	Not detected		Result <= MAX		1000000
EGDME	Not detected		Result <= MAX		1000000
Michlers ketone	Not detected		Result <= MAX		1000000
Michlers base	Not detected		Result <= MAX		1000000
TGIC	Not detected		Result <= MAX		1000000
B-TGIC	Not detected		Result <= MAX		1000000
Direct red 28	Not detected		Result <= MAX		1000000
Direct black 38	Not detected		Result <= MAX		1000000
Trixylyl phosphate	Not detected		Result <= MAX		1000000
Formaldehyde oligoment reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not detected		Result <= MAX		1000000
12 Diethoxyethane	Not detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
UV-328	Not detected		Result <= MAX		1000000
Uvazol 237	Not detected		Result <= MAX		1000000
UV-350	Not detected		Result <= MAX		1000000
HBCDD total	Not detected		Result <= MAX		1000000
13 Propanesultone	Not detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not detected		Result <= MAX		1000000
HDDA	Not detected		Result <= MAX		1000000
Nitrobenzene	Not detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not detected		Result <= MAX		1000000
Bisphenol A	Not detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not detected		Result <= MAX		1000000
4-tert-Amylphenol	Not detected		Result <= MAX		1000000
4-n-Heptylphenol	Not detected		Result <= MAX		1000000
Dechlorane Plus	Not detected		Result <= MAX		1000000
Terphenyl hydrogenated	Not detected		Result <= MAX		1000000
Ethylenediamine	Not detected		Result <= MAX		1000000
TMA	Not detected		Result <= MAX		1000000
4MBC	Not detected		Result <= MAX		1000000
3BC	Not detected		Result <= MAX		1000000
PTBP	Not detected		Result <= MAX		1000000

Reach restrictions annex 17

according to: Reach 1907/2006 Annex XVII, entry 5-28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Benzene	Not detected		Result <= MAX		5,0
DEGME	Not detected		Result <= MAX		30000
4-Nitrobiphenyl	Not detected		Result <= MAX		1000
1,4-dichloro-butene trans	Not Analyzed		Result <= MAX		1000
1,4-dichloro-butene cis	Not Analyzed		Result <= MAX		1000
N,N-dimethylhydrazine	Not detected		Result <= MAX		1000
dimethylcarbamoil chloride	Not Analyzed		Result <= MAX		1000

Part description: pink deco



	Result	Units	Spec rule	Min	Max
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Heavy metals content

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	0	ppm	Result <= MAX		100
Lead	0	ppm	Result <= MAX		100
Mercury	10	ppm	Result <= MAX		100

PAH (15 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

sum of 15 PAH	0	ppm	Result <= MAX		5
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

PCN

according to: Regulation (EC) 2019/1021 - Persistent Organic Pollutants (POP) on PCN.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Halowax 1000 mono PCN	Not detected		Result < MAX		0,1
Halowax 1000 di PCN	Not detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not detected		Result < MAX		0,1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMF (DIMETHYLFUMARATE)	Not detected		Result < MAX		0.1
a BHC	Not detected		Result < MAX		1.0
Hexachlorobenzene	Not detected		Result < MAX		1.0



	Result	Units	Spec rule	Min	Max
d BHC	Not detected		Result < MAX		1.0
b BHC	Not detected		Result < MAX		1.0
g BHC	Not detected		Result < MAX		1.0
Heptachlor epoxide A	Not detected		Result < MAX		1.0
Heptachlor epoxide B	Not detected		Result < MAX		1.0
Heptachlor	Not detected		Result < MAX		1.0
Aldrin	Not detected		Result < MAX		1.0
Isodrin	Not detected		Result < MAX		1.0
Endrin	Not detected		Result < MAX		1.0
Endosulfan I	Not detected		Result < MAX		1.0
Endosulfan II	Not detected		Result < MAX		1.0
44 DDE	Not detected		Result < MAX		1,0
Dieldrin	Not detected		Result < MAX		1.0
44 DDD	Not Analyzed		Result < MAX		1,0
44 DDT	Not detected		Result < MAX		1,0
Endosulfan Sulfate	Not detected		Result < MAX		1,0
Methoxychlor	Not detected		Result < MAX		1.0
Mirex	Not detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not detected		Result < MAX		1.0
Toxaphene	Not detected		Result < MAX		1.0
Kepone	Not detected		Result < MAX		1.0

SVOC & CMR

according to: Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

PENTACHLOROETHANE	Not detected		Result < MAX		10000
2 AMINO NAPHTHALENE	Not detected		Result < MAX		1000
DIPHENYL AMINE	Not detected		Result < MAX		100
BENZYLALCOHOL	Not detected		Result <= MAX		100

Phenols

according to: POP EU/2019/1021 on PCP content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14



	Result	Units	Spec rule	Min	Max
Phenol / Phenylalcohol	Not detected		Result <= MAX		10
Phenol, 2,4,6-trichloro-	Not detected		Result <= MAX		10000
Phenol, 2-methyl-4,6-dinitro-	Not detected		Result <= MAX		10000
Phenol, pentachloro- / PCP	Not detected		Result <= MAX		10000

PCB

according to: POP COMMISSION REGULATION No EC 2019/1021

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Chlorobiphenyl	Not detected		Result <= MAX		1.0
Dichlorobiphenyl	Not detected		Result <= MAX		1.0
Trichlorobiphenyl	Not detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not detected		Result <= MAX		1.0
Octachlorobiphenyl	Not detected		Result <= MAX		1.0
Decachlorobiphenyl	Not detected		Result <= MAX		1.0

PAA

according to: TSD 2009/48/EC - Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

o Aminoazotoluene	Not detected		Result <= MAX		1000
4 Aminobiphenyl	Not detected		Result <= MAX		1000
5 Nitro o Toluidine	Not detected		Result <= MAX		10000
Benzidine	Not detected		Result <= MAX		1000
4 Chloroaniline	Not detected		Result <= MAX		1000
4 Chloro o Toluidine	Not detected		Result <= MAX		1000
p Cresidine	Not detected		Result <= MAX		1000
44 Diaminodiphenylmethane	Not detected		Result <= MAX		1000
24 Diaminotoluene	Not detected		Result <= MAX		1000
33 Dichlorobenzidine	Not detected		Result <= MAX		1000
33 Dimethoxybenzidine	Not detected		Result <= MAX		1000
33 Dimethylbenzidine	Not detected		Result <= MAX		1000



	Result	Units	Spec rule	Min	Max
Bis 3 chloro 4 aminophenyl methane	Not detected		Result <= MAX		1000
44 Methylene di o toluidine	Not detected		Result <= MAX		1000
2 Naphthylamine	Not detected		Result <= MAX		1000
44 Oxydianiline	Not detected		Result <= MAX		1000
44 Thiodianiline	Not detected		Result <= MAX		1000
o Toluidine	Not detected		Result <= MAX		1000
245 Trimethylaniline	Not detected		Result <= MAX		1000
Phenylazoaniline	Not detected		Result <= MAX		1000
2 Aminobiphenyl	Not detected		Result <= MAX		1000000
o Anisidine	Not detected		Result <= MAX		1000
Azobenzene	Not detected		Result <= MAX		1000
Aniline	Not detected		Result <= MAX		10000

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not detected		Result <= MAX		1000000
Methoxyacetic acid	Not detected		Result <= MAX		1000000
12 Dichloroethane	Not detected		Result <= MAX		1000000
N methylacetamide	Not detected		Result <= MAX		1000000
NN dimethylformamide	Not detected		Result <= MAX		1000000
Acrylamide	Not detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not detected		Result <= MAX		1000000
1 Bromopropane	Not detected		Result <= MAX		1000000
123 Trichloropropane	Not detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not detected		Result <= MAX		1000000
Trichloro ethene	Not detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not detected		Result <= MAX		1000000
TBTO	Not detected		Result <= MAX		1000000
TCEP	Not detected		Result <= MAX		1000000
DNT	Not detected		Result <= MAX		1000000
DINOSEB	Not detected		Result <= MAX		1000000
4 tert Octylphenol	Not detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
Nonyl Phenol	Not detected		Result <= MAX		1000000
Musk Xylene	Not detected		Result <= MAX		1000000
o Toluidine	Not detected		Result <= MAX		1000000
44 MDA	Not detected		Result <= MAX		1000000
4 Aminobiphenyl	Not detected		Result <= MAX		1000000
p Cresidine	Not detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not detected		Result <= MAX		1000000
24 Diaminotoluene	Not detected		Result <= MAX		1000000
Phenylazoaniline	Not detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not detected		Result <= MAX		1000000
44 Oxydianiline	Not detected		Result <= MAX		1000000
o Aminoazotoluene	Not detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not detected		Result <= MAX		1000000
Phenolphthalein	Not detected		Result <= MAX		1000000
Basic Violet 3	Not detected		Result <= MAX		1000000
Victoria Blue 26	Not detected		Result <= MAX		1000000
TEGDME	Not detected		Result <= MAX		1000000
EGDME	Not detected		Result <= MAX		1000000
Michlers ketone	Not detected		Result <= MAX		1000000
Michlers base	Not detected		Result <= MAX		1000000
TGIC	Not detected		Result <= MAX		1000000
B-TGIC	Not detected		Result <= MAX		1000000
Direct red 28	Not detected		Result <= MAX		1000000
Direct black 38	Not detected		Result <= MAX		1000000
Trixylyl phosphate	Not detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not detected		Result <= MAX		1000000
12 Diethoxyethane	Not detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not detected		Result <= MAX		1000000
UV-328	Not detected		Result <= MAX		1000000
Uvazol 237	Not detected		Result <= MAX		1000000
UV-350	Not detected		Result <= MAX		1000000
HBCDD total	Not detected		Result <= MAX		1000000



	Result	Units	Spec rule	Min	Max
13 Propanesultone	Not detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not detected		Result <= MAX		1000000
HDDA	Not detected		Result <= MAX		1000000
Nitrobenzene	Not detected		Result <= MAX		1000000
Amber Dioxade Isomers	Not detected		Result <= MAX		1000000
Bisphenol A	Not detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not detected		Result <= MAX		1000000
4-tert-Amylphenol	Not detected		Result <= MAX		1000000
4-n-Heptylphenol	Not detected		Result <= MAX		1000000
Dechlorane Plus	Not detected		Result <= MAX		1000000
Terphenyl hydrogenated	Not detected		Result <= MAX		1000000
Ethylenediamine	Not detected		Result <= MAX		1000000
TMA	Not detected		Result <= MAX		1000000
4MBC	Not detected		Result <= MAX		1000000
3BC	Not detected		Result <= MAX		1000000
PTBP	Not detected		Result <= MAX		1000000

Reach restrictions annex 17

according to: Reach 1907/2006 Annex XVII, entry 5-28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Benzene	Not detected		Result <= MAX		5,0
DEGME	Not detected		Result <= MAX		30000
4-Nitrobiphenyl	Not detected		Result <= MAX		1000
1,4-dichloro-butene trans	Not Analyzed		Result <= MAX		1000
1,4-dichloro-butene cis	Not Analyzed		Result <= MAX		1000
N,N-dimethylhydrazine	Not detected		Result <= MAX		1000
dimethylcarbamoyl chloride	Not Analyzed		Result <= MAX		1000

Part description: blue deco**Heavy metals content**

according to: Reach (EC) 1907/2006 - Annex XVII entry 20-21 on Tin, 23 on Cadmium, 62 on Mercury, 63 on Lead & Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV & IEC 62321 & NPR-CR 10299

Cadmium	10	ppm	Result <= MAX		100
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	Result	Units	Spec rule	Min	Max
Lead	0	ppm	Result <= MAX		100
Mercury	10	ppm	Result <= MAX		100

PAH (15 ZEK - EPA)

according to: Geprüfte Sicherheit (GS) - AfPS Polyzyklischen Aromatischen Kohlenwasserstoffen (PAK)

testing conditions: AfPS GS 2014:01 PAK Category 2

sum of 15 PAH	0	ppm	Result <= MAX		5
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000

PCN

according to: Regulation (EC) 2019/1021 - Persistent Organic Pollutants (POP) on PCN.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Halowax 1000 mono PCN	Not detected		Result < MAX		0,1
Halowax 1000 di PCN	Not detected		Result < MAX		0,1
Halowax 1001 tri PCN	Not detected		Result < MAX		0,1
Halowax 1013 tetra PCN	Not detected		Result < MAX		0,1
Halowax 1014 penta PCN	Not detected		Result < MAX		0,1
Halowax 1014 hexa PCN	Not detected		Result < MAX		0,1
Halowax 1051 hepta PCN	Not detected		Result < MAX		0,1
Halowax 1051 octa PCN	Not detected		Result < MAX		0,1

OCP & DMF

according to: Reach 1907/2006 Annex XVII, entry 61 on DMF

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

DMF (DIMETHYLFUMARATE)	Not detected		Result < MAX		0.1
a BHC	Not detected		Result < MAX		1.0
Hexachlorobenzene	Not detected		Result < MAX		1.0
d BHC	Not detected		Result < MAX		1.0
b BHC	Not detected		Result < MAX		1.0
g BHC	Not detected		Result < MAX		1.0
Heptachlor epoxide A	Not detected		Result < MAX		1.0

	Result	Units	Spec rule	Min	Max
Heptachlor epoxide B	Not detected		Result < MAX		1.0
Heptachlor	Not detected		Result < MAX		1.0
Aldrin	Not detected		Result < MAX		1.0
Isodrin	Not detected		Result < MAX		1.0
Endrin	Not detected		Result < MAX		1.0
Endosulfan I	Not detected		Result < MAX		1.0
Endosulfan II	Not detected		Result < MAX		1.0
44 DDE	Not detected		Result < MAX		1,0
Dieldrin	Not detected		Result < MAX		1.0
44 DDD	Not Analyzed		Result < MAX		1,0
44 DDT	Not detected		Result < MAX		1,0
Endosulfan Sulfate	Not detected		Result < MAX		1,0
Methoxychlor	Not detected		Result < MAX		1.0
Mirex	Not detected		Result < MAX		1.0
Hexachloro-1-3-butadiene	Not detected		Result < MAX		1.0
Toxaphene	Not detected		Result < MAX		1.0
Kepone	Not detected		Result < MAX		1.0

SVOC & CMR

according to: Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

PENTACHLOROETHANE	Not detected		Result < MAX		10000
2 AMINO NAPHTHALENE	Not detected		Result < MAX		1000
DIPHENYL AMINE	Not detected		Result < MAX		100
BENZYLALCOHOL	Not detected		Result <= MAX		100

Phenols

according to: POP EU/2019/1021 on PCP content.

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Phenol / Phenylalcohol	Not detected		Result <= MAX		10
Phenol, 2,4,6-trichloro-	Not detected		Result <= MAX		10000
Phenol, 2-methyl-4,6-dinitro-	Not detected		Result <= MAX		10000
Phenol, pentachloro- / PCP	Not detected		Result <= MAX		10000

	Result	Units	Spec rule	Min	Max
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PCB
according to: POP COMMISSION REGULATION No EC 2019/1021

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Chlorobiphenyl	Not detected		Result <= MAX		1.0
Dichlorobiphenyl	Not detected		Result <= MAX		1.0
Trichlorobiphenyl	Not detected		Result <= MAX		1.0
Tetrachlorobiphenyl	Not detected		Result <= MAX		1.0
Pentachlorobiphenyl	Not detected		Result <= MAX		1.0
Hexachlorobiphenyl	Not detected		Result <= MAX		1.0
Heptachlorobiphenyl	Not detected		Result <= MAX		1.0
Octachlorobiphenyl	Not detected		Result <= MAX		1.0
Decachlorobiphenyl	Not detected		Result <= MAX		1.0

PAA
according to: TSD 2009/48/EC - Reach 1907/2006 Annex XVII, entry 28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

o Aminoazotoluene	Not detected		Result <= MAX		1000
4 Aminobiphenyl	Not detected		Result <= MAX		1000
5 Nitro o Toluidine	Not detected		Result <= MAX		10000
Benzidine	Not detected		Result <= MAX		1000
4 Chloroaniline	Not detected		Result <= MAX		1000
4 Chloro o Toluidine	Not detected		Result <= MAX		1000
p Cresidine	Not detected		Result <= MAX		1000
44 Diaminodiphenylmethane	Not detected		Result <= MAX		1000
24 Diaminotoluene	Not detected		Result <= MAX		1000
33 Dichlorobenzidine	Not detected		Result <= MAX		1000
33 Dimethoxybenzidine	Not detected		Result <= MAX		1000
33 Dimethylbenzidine	Not detected		Result <= MAX		1000
Bis 3 chloro 4 aminophenyl methane	Not detected		Result <= MAX		1000
44 Methylene di o toluidine	Not detected		Result <= MAX		1000
2 Naphthylamine	Not detected		Result <= MAX		1000
44 Oxydianiline	Not detected		Result <= MAX		1000

	Result	Units	Spec rule	Min	Max
44 Thiodianiline	Not detected		Result <= MAX		1000
o Toluidine	Not detected		Result <= MAX		1000
245 Trimethylaniline	Not detected		Result <= MAX		1000
Phenylazoaniline	Not detected		Result <= MAX		1000
2 Aminobiphenyl	Not detected		Result <= MAX		1000000
o Anisidine	Not detected		Result <= MAX		1000
Azobenzene	Not detected		Result <= MAX		1000
Aniline	Not detected		Result <= MAX		10000

SVHC

according to: Reach 1907/2006 art 33-57 on SVHC

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

2 Methoxy ethanol	Not detected		Result <= MAX		1000000
Methoxyacetic acid	Not detected		Result <= MAX		1000000
12 Dichloroethane	Not detected		Result <= MAX		1000000
N methylacetamide	Not detected		Result <= MAX		1000000
NN dimethylformamide	Not detected		Result <= MAX		1000000
Acrylamide	Not detected		Result <= MAX		1000000
2-ethoxyethyl acetate	Not detected		Result <= MAX		1000000
1 Bromopropane	Not detected		Result <= MAX		1000000
123 Trichloropropane	Not detected		Result <= MAX		1000000
Bis(2methoxyethyl)ether	Not detected		Result <= MAX		1000000
Trichloro ethene	Not detected		Result <= MAX		1000000
2 Ethoxy ethanol	Not detected		Result <= MAX		1000000
TBTO	Not detected		Result <= MAX		1000000
TCEP	Not detected		Result <= MAX		1000000
DNT	Not detected		Result <= MAX		1000000
DINOSEB	Not detected		Result <= MAX		1000000
4 tert Octylphenol	Not detected		Result <= MAX		1000000
Nonyl Phenol	Not detected		Result <= MAX		1000000
Musk Xylene	Not detected		Result <= MAX		1000000
o Toluidine	Not detected		Result <= MAX		1000000
44 MDA	Not detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
4 Aminobiphenyl	Not detected		Result <= MAX		1000000
p Cresidine	Not detected		Result <= MAX		1000000
Benzenamine 44-methylenebis-2-chloro-	Not detected		Result <= MAX		1000000
24 Diaminotoluene	Not detected		Result <= MAX		1000000
Phenylazoaniline	Not detected		Result <= MAX		1000000
44 Methylene di o toluidine	Not detected		Result <= MAX		1000000
44 Oxydianiline	Not detected		Result <= MAX		1000000
o Aminoazotoluene	Not detected		Result <= MAX		1000000
12 Cyclohexanedicarboic anhydride	Not detected		Result <= MAX		1000000
Hexahydro-4-methylphtalic anhydride	Not detected		Result <= MAX		1000000
Phenolphthalein	Not detected		Result <= MAX		1000000
Basic Violet 3	Not detected		Result <= MAX		1000000
Victoria Blue 26	Not detected		Result <= MAX		1000000
TEGDME	Not detected		Result <= MAX		1000000
EGDME	Not detected		Result <= MAX		1000000
Michlers ketone	Not detected		Result <= MAX		1000000
Michlers base	Not detected		Result <= MAX		1000000
TGIC	Not detected		Result <= MAX		1000000
B-TGIC	Not detected		Result <= MAX		1000000
Direct red 28	Not detected		Result <= MAX		1000000
Direct black 38	Not detected		Result <= MAX		1000000
Trixylyl phosphate	Not detected		Result <= MAX		1000000
Formaldehyde oligomer reaction products	0	ppm	Result <= MAX		1000000
DBTDC	Not detected		Result <= MAX		1000000
12 Diethoxyethane	Not detected		Result <= MAX		1000000
Imidazolidine-2-thione	Not detected		Result <= MAX		1000000
UV-328	Not detected		Result <= MAX		1000000
Uvazol 237	Not detected		Result <= MAX		1000000
UV-350	Not detected		Result <= MAX		1000000
HBCDD total	Not detected		Result <= MAX		1000000
13 Propanesultone	Not detected		Result <= MAX		1000000
Dicyclohexyl phthalate	Not detected		Result <= MAX		1000000
HDDA	Not detected		Result <= MAX		1000000
Nitrobenzene	Not detected		Result <= MAX		1000000

	Result	Units	Spec rule	Min	Max
Amber Dioxade Isomers	Not detected		Result <= MAX		1000000
Bisphenol A	Not detected		Result <= MAX		1000000
11 Dimethylpropylphenol	Not detected		Result <= MAX		1000000
4-tert-Amylphenol	Not detected		Result <= MAX		1000000
4-n-Heptylphenol	Not detected		Result <= MAX		1000000
Dechlorane Plus	Not detected		Result <= MAX		1000000
Terphenyl hydrogenated	Not detected		Result <= MAX		1000000
Ethylenediamine	Not detected		Result <= MAX		1000000
TMA	Not detected		Result <= MAX		1000000
4MBC	Not detected		Result <= MAX		1000000
3BC	Not detected		Result <= MAX		1000000
PTBP	Not detected		Result <= MAX		1000000

Reach restrictions annex 17

according to: Reach 1907/2006 Annex XVII, entry 5-28-29-30, CMR content

testing conditions: CPSC_CH_C1001-09.3 EPA3546 / ASTM D7823-14

Benzene	Not detected		Result <= MAX		5,0
DEGME	Not detected		Result <= MAX		30000
4-Nitrobiphenyl	Not detected		Result <= MAX		1000
1,4-dichloro-butene trans	Not Analyzed		Result <= MAX		1000
1,4-dichloro-butene cis	Not Analyzed		Result <= MAX		1000
N,N-dimethylhydrazine	Not detected		Result <= MAX		1000
dimethylcarbamoyl chloride	Not Analyzed		Result <= MAX		1000

*** END OF REPORT ***

