

## Certificate Of Analysis

JUMBO CHALK COLOURED 15PCS BOX



Report number X34600010-380802-1

Print date: 2020-11-30

Applicant: Koopman International  
Country: The Netherlands  
Article description: JUMBO CHALK COLOURED 15PCS BOX  
Item number: X34600010  
Order number: 380802  
Date of article received: november 12, 2020  
Testing Completed: november 30,2020  
EAN code: 8719202112405

---

**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.





Pagina 2 van 10

Summary of tested parts.

**Part(s) description:**

red rope

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

Result	Units	Spec rule	Min	Max
--------	-------	-----------	-----	-----

**Part description: red rope**
**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 &amp; Ban of products containing lead - BEK 856.

testing conditions: 111/54/CDV &amp; IEC 62321 &amp; 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 3

Benzo a pyrene	Not detected		Result <= MAX		0.5
Benzo a anthracene	Not detected		Result <= MAX		0.5
Chrysene	Not detected		Result <= MAX		0.5
Benzo b fluoranthene	Not detected		Result <= MAX		0.5
Benzo k fluoranthene	Not detected		Result <= MAX		0.5
Dibenz ah anthracene	Not detected		Result <= MAX		0.5
Benzo j fluoranthene	Not detected		Result <= MAX		0.5
Benzo e pyrene	Not detected		Result <= MAX		0.5
Indeno 123cd pyrene	Not detected		Result <= MAX		0.5
Benzo ghi perylene	Not detected		Result <= MAX		0.5
Acenaphthylene	Not detected		Result <= MAX		1000000
Acenaphthene	Not detected		Result <= MAX		1000000
Fluorene	Not detected		Result <= MAX		1000000
Phenanthrene	Not detected		Result <= MAX		20
Anthracene	Not detected		Result <= MAX		20
Fluoranthene	Not detected		Result <= MAX		20
Pyrene	Not detected		Result <= MAX		20
Naphthalene	Not detected		Result <= MAX		10
sum of 4 PAH	0	ppm	Result <= MAX		20
sum of 15 PAH	0	ppm	Result <= MAX		20
Anthracene oils and pastes	0	ppm	Result <= MAX		1000
Coal tar	0	ppm	Result <= MAX		1000



Result	Units	Spec rule	Min	Max
--------	-------	-----------	-----	-----

**Phthalates**

according to: Reach (EC) 1907/2006 - Annex XVII, entry 51-52 on phthalates content and entry 28-29-30 on CMR content. Phthalates Regulations SOR/2016-188 CANADA CONSUMER PRODUCT SAFETY ACT

testing conditions: CPSC\_CH\_C1001-09.3 EPA3546 / ASTM D7823-14

Result	Units	Spec rule	Min	Max
DMP	0		Result <= MAX	1000000
DEP	800	ppm	Result <= MAX	1000000
DAP	0		Result <= MAX	1000000
DIBP	0		Result <= MAX	1000
DBP	0	ppm	Result <= MAX	1000
DMEP	0		Result <= MAX	3000
DPP	0		Result <= MAX	3000
DIPP	0		Result <= MAX	3000
nPiPP	0		Result <= MAX	3000
BBP	0		Result <= MAX	1000
DHP	0		Result <= MAX	3000
DEEP	0		Result <= MAX	1000000
DEHP	200	ppm	Result <= MAX	1000
DIHpP	0		Result <= MAX	3000
DNOP	0		Result <= MAX	1000
DINP	0		Result <= MAX	1000
DIDP	0		Result <= MAX	1000
DIHxP	0		Result <= MAX	1000000
DHNUP	0		Result <= MAX	1000000
Phthalates (Toys mouthable)	0	ppm	Result <= MAX	1000
Phthalates (Toys all ages)	200	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





	Result	Units	Spec rule	Min	Max
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

**SCCP, Chloroparaffins**

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

testing conditions: CPSC\_CH\_C1001-09.3 EPA3546 / ASTM D7823-14

Chloroparaffins total	0	ppm	Result < MAX		1500
-----------------------	---	-----	--------------	--	------

**Flame retardants (PBDE and PBB)**

according to: Reach 1907/2006 Annex XVII &amp; POP EC/2019/1021, flame retardants content.

testing conditions: 111/54/CDV &amp; IEC 62321

PBDE Total POP	0	ppm	Result <= MAX		500
----------------	---	-----	---------------	--	-----

**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
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



	Result	Units	Spec rule	Min	Max
44 DDE	Not detected		Result < MAX		1,0
Dieldrin	Not detected		Result < MAX		1,0
44 DDD	Not detected		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

### 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

	Result	Units	Spec rule	Min	Max
<b>PAA</b>					
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	1	ppm	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 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



	Result	Units	Spec rule	Min	Max
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
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



	Result	Units	Spec rule	Min	Max
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
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	0	ppm	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



**Result**

**Units**

**Spec rule**

**Min**

**Max**

**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

	<b>Result</b>	<b>Units</b>	<b>Spec rule</b>	<b>Min</b>	<b>Max</b>
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 detected		Result <= MAX		1000
1,4-dichloro-butene cis	Not detected		Result <= MAX		1000
N,N-dimethylhydrazine	Not detected		Result <= MAX		1000
dimethylcarbamoyl chloride	Not Analyzed		Result <= MAX		1000

\*\*\* END OF REPORT \*\*\*



**BUREAU  
VERITAS**