

TEST REPORT

Company Name : T.C. Ticaret Bakanlığı İstanbul Avrupa Yakası Denetmenleri Grup Başkanlığı
Company Address : Çobançeşme Mevkii, Sanayi Caddesi, Dış Ticaret Kompleksi, D Blok Kat: 3
Bahçelievler/İstanbul
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For the attention of : Adem YÜKSEL

Sample Description : Erasable Jumbo Wax Crayon
Brand : Not Provided
Supplier : Bigpoint Kırt. San. ve Tic. Ltd. Şti.
Order No : A24155285
Reference No : BP746-12
Colour : Not Provided
Proposed Fibre Composition : Not Provided
Proposed Care Instruction : Not Provided
Proposed Fabric Weight : Not Provided
Sample Reception Date : 22.12.2020
Analysis Starting Date : 22.12.2020
Resubmit Date : -
Analysis Ending Date : 24.12.2020
Test Scope : Polycyclic Aromatic Hydrocarbons (PAHs), Phthalates, Mechanical and Physical Properties, Flammability of Toys, Migration of Certain Elements
Service Type : Regular
Result Summary : **SEE RESULTS**

The following sample(s) was (were) performed on submitted sample(s) and/or component(s) confirmed by applicant.

Tests marked [♦] in this report are not included in the scope of accreditation. Tests marked [°] in this report are subcontracted within Eurofins Group and is accredited. Tests marked [●] in this report are subcontracted within Eurofins Group and is not accredited. Tests marked [□] in this report are subcontracted outside Eurofins Group and is accredited. Tests marked [■] in this report are subcontracted outside Eurofins Group and is not accredited. Unless otherwise specified, the uncertainty of measurement has not been taken into account when assessing pass/fail of the sample against the requirements of the standard.

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Tel: +90 444 7 362 • Email: CPT.Turkey@eurofins.com • Website: www.eurofins.com / www.eurofins.com.tr

Eurofins (Turkey) contact information:

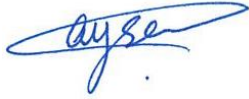
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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****



Signed for and on behalf of Eurofins Tüketici Ürünleri Test Hizmetleri A.Ş.



Ayşenur ÜLKÜ
Customer Representative



Hatice ÖZTÜRK YAMAN
Customer Service Team Leader

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Consumer Product Testing Turkey ensures that this job has been performed according to our Quality System and complying contract and legal conditions. Test uncertainties not reported are at customer disposal. If you happen to have any comments, please do it by sending email to CPT.Turkey@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Consumer Product Testing Turkey. Test reports without Eurofins seal and authorised signatures are invalid.

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Result Summary

TEST(S) CONDUCTED		CONCLUSION
Test(s)	Test Method / Regulation	Pass/Fail
Polycyclic Aromatic Hydrocarbons (PAHs)	ISO/TS 16190	P
Phthalates	CPSC-CH-C1001-09.4	P
Mechanical and Physical Properties	EN 71-1:2014 + A1:2018	SEE RESULTS
Flammability of Toys	EN 71-2:2011 + A1:2014	P
Migration of Certain Elements	EN 71-3: 2019	P

Note: Clause 5 and Clause 7 of Mechanical and Physical Properties were not evaluated according to client request.

P	: Meets buyer's requirement
F	: Does not meet buyer's requirement
NR	: No requirement
SC	: Still continues
LS	: Lack of sample

1. Component List

Sample ID	Material No	Sample Description & Color	Material
A	A1	Black Wax Crayon	Crayon
A	A2	Purple Wax Crayon	Crayon
A	A3	Navy Wax Crayon	Crayon
A	A4	Blue Wax Crayon	Crayon
A	A5	Dark Green Wax Crayon	Crayon
A	A6	Light Green Wax Crayon	Crayon
A	A7	Brown Wax Crayon	Crayon
A	A8	Red Wax Crayon	Crayon
A	A9	Pink Wax Crayon	Crayon
A	A10	Orange Wax Crayon	Crayon
A	A11	Cream Wax Crayon	Crayon
A	A12	Yellow Wax Crayon	Crayon
A	A13	White Inner Cover	Plastic

*** TO BE CONTINUED ***

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2. Results

Polycyclic Aromatic Hydrocarbons (PAHs)

ISO/TS 16190

Determination Polycyclic aromatic hydrocarbons (PAH) analysis by GC-MS

ID	Material No		A1+A2+A3	A4+A5+A6	A7+A8+A9	A10+A11+A12	A13
	Unit		mg/kg				
	PAHs (Category 1, 2, 3*)	CAS N°	Result(s)				
1	Benzo(a)anthracene (BaA)	56-55-3	N.D.	N.D.	N.D.	N.D.	N.D.
2	Benzo(a)pyrene (BaP)	50-32-8	N.D.	N.D.	N.D.	N.D.	N.D.
3	Benzo(b)fluoranthene (BbFA)	205-99-2	N.D.	N.D.	N.D.	N.D.	N.D.
4	Benzo(e)pyrene (BeP)	192-97-2	N.D.	N.D.	N.D.	N.D.	N.D.
5	Benzo(j)fluoranthene (BjFA)	205-82-3	N.D.	N.D.	N.D.	N.D.	N.D.
6	Benzo(k)fluoranthene (BkFA)	207-08-9	N.D.	N.D.	N.D.	N.D.	N.D.
7	Chrysen (CHR)	218-01-9	N.D.	N.D.	N.D.	N.D.	N.D.
8	Dibenzo(a,h) anthracene (DBA _h A)	53-70-3	N.D.	N.D.	N.D.	N.D.	N.D.
Conclusion			P	P	P	P	P

Remark:

Detection limit : **0.10 mg/kg**
N.D. : **Not Detected**
Requirement : **≤ 1.0 mg/kg each PAH**

Phthalates

CPSC-CH-C1001-09.4

Determination of Phthalates after Solvent Extraction in Child Care and Toys Materials with THF Method
(Analysis by GC-MS)

ID	Material No		A1+A2+A3	A4+A5+A6	A7+A8+A9	A10+A11+A12	A13
	Unit		mg/kg				
	Phthalates	CAS N°	Result(s)				
1	Di-iso-butylphthalate (DIBP)	84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.
2	Dibutylphthalate (DBP)	84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.
3	Butylbenzylphthalate (BBP)	85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.
4	Di-(2-ethylhexyl)-phthalate (DEHP)	117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.
5	Di-n-octylphthalate (DNOP)	84-61-7	N.D.	N.D.	N.D.	N.D.	N.D.
6	Di-iso-nonylphthalate (DINP)	117-84-0	N.D.	N.D.	N.D.	N.D.	N.D.
7	Di-isodecylphthalate (DIDP)	68515-48-00	N.D.	N.D.	N.D.	N.D.	N.D.
Conclusion			P	P	P	P	P

*** TO BE CONTINUED ***

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Remark:

Detection limit : **50 mg/kg**
N.D. : **Not Detected**
Requirement : **≤ 1000 mg/kg**

European Standard on Safety of Toys

Part 1: Mechanical and Physical Properties

As Specified In European Standard On Safety Of Toys EN 71-1:2014+A1:2018

4	GENERAL REQUIREMENTS	Results
4.1	Material	P
4.2	Assembly	N/A
4.3	Flexible Plastic Sheeting	N/A
4.4	Toy Bags	N/A
4.5	Glass	N/A
4.6	Expanding Materials	N/A
4.7	Edges	P
4.8	Points and Metallic Wires	P
4.9	Protruding Parts	N/A
4.10	Parts moving against each other	N/A
4.10.1	Folding and Sliding Mechanisms	N/A
4.10.2	Driving Mechanism	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth actuated toys and other toys intended to be put in the mouth	N/A
	a) Toys intended to be put in the mouth	N/A
	b) Mouthpieces and other components of toys intended to be put in the mouth	N/A
	c) Mouth-actuated toys	N/A
	d) Mouthpieces fitted to balloons	N/A
	e) Mouth-actuated projectile toys	N/A
4.12	Balloons	N/A
4.13	Cords of toy kites and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
	a) The ventilation area for toys having a door, lid or similar device	N/A
	b) Opening force for toys having a door, lid or similar device	N/A
	c) Toy chest	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectiles	N/A
4.17.1	General	N/A
4.17.2	All projectiles	N/A

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4.17.3	Projectile toys with stored energy	N/A
4.17.4	Certain projectile toys without stored energy	N/A
4.18	Aquatic Toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small Balls	N/A
4.23	Magnets	N/A
4.24	Yo yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	Results
5.1	General Requirements	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords, chains and electrical cable in toys	N/A
5.5	Liquid filled toys	N/A
5.6	Speed limitation of electrically driven toys	N/A
5.7	Glass and Porcelain	N/A
5.8	Shape and size of certain Toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small Balls	N/A
5.11	Play figures	N/A
5.12	Hemispherical shaped toys	N/A
5.13	Suction Cups	N/A
5.14	Straps intended to be used fully or partially around the neck	N/A
5.15	Sledges with cords for pulling	N/A
6	PACKAGING	P
7.	WARNINGS, MARKINGS AND INSTRUCTIONS FOR USE Remark: All information should be given in the national language of country where the toy is to be sold. Evaluated Language: Turkish	N/A
7.1	General	N/A
7.2	Toys not intended for children under 36 months	N/A
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectiles	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates, inline skates, skateboards and certain other ride-on toys	N/A
7.11	Toys intended to be attached to or strung across a cradle, cot, or perambulator	N/A

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7.12	Liquid-filled teethingers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A

Remark 1: Clause 5 and Clause 7 were not evaluated according to client request.

Label Requirement according to Toy Safety 2009/48/EC

Requirements	Result	Position
Washing-Cleaning Information	Not Applicable	-
CE Mark	Present	Package
Importer' Name and Address	Present	Package
Manufacturer's Name and Address	Absent	-
Product ID	Present	Package

Part 2: Flammability

As Specified In European Standard On Safety Of Toys EN 71- 2: 2011 + A1:2014

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS BS EN 71- 2: 2011 + A1:2014		
Clause	Description	Results
4.1	General requirements	P
4.2	Toys to be worn on the head	N/A
	4.2.2. Beards, moustaches, wigs etc., made from hair, pile or material with similar features which protrude 50mm or more from the surface of the toy.	N/A
	4.2.3. Beards, moustaches, wigs etc. made from hair, pile or material with similar features which protrude less than 50mm from the surface of the toy.	N/A
	4.2.4. Full or partial moulded head masks	N/A
	4.2.5. Imitation elements of toys to be worn on the head hoods, head-dresses etc. and masks not covered by 4.2.4 which partially or fully cover the head(e.g. fabric and cardboard masks ,eye masks, face masks), but excluding those items covered by 4.3	N/A
4.3	Toy disguise costumes and toys intended to be worn by a child in play	N/A
4.4	Toys intended to be entered by a child	N/A
4.5	Soft filled toys	N/A

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Part 3: Migration of Certain Elements

EN 71-3:2019

Safety of Toys

Part 3: Migration of Certain Elements (Quantification by ICP-MS/OES)

Material No	A1+A2+A3	A4+A5+A6	A7+A8+A9	A10+A11+A12	A13
Unit	mg/kg				
Substance(s)	Result(s)				
Aluminium (Al)	N.D.	N.D.	N.D.	N.D.	N.D.
Antimony (Sb)	N.D.	N.D.	N.D.	N.D.	N.D.
Arsenic (As)	N.D.	N.D.	N.D.	N.D.	N.D.
Barium (Ba)	11.37	13.06	11.01	3.85	6.19
Boron (B)	6.69	7.11	9.09	4.56	5.69
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium (Cr) (III)	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium (Cr) (VI)	N.D.	N.D.	N.D.	N.D.	N.D.
Cobalt (Co)	N.D.	N.D.	N.D.	N.D.	N.D.
Copper (Cu)	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.
Manganese (Mn)	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.
Nickel (Ni)	N.D.	N.D.	N.D.	N.D.	N.D.
Selenium (Se)	N.D.	N.D.	N.D.	N.D.	N.D.
Strontium (Sr)	N.D.	N.D.	N.D.	N.D.	N.D.
Tin (Sn)	N.D.	N.D.	N.D.	N.D.	N.D.
Organic Tin	N.D.	N.D.	N.D.	N.D.	N.D.
Total chromium (as Cr)	N.D.	N.D.	N.D.	N.D.	N.D.
Zinc (Zn)	6.16	4.02	4.77	6.08	9.88
Conclusion	P	P	P	P	P

Remark:

Detection limit : Hg : **0.005 mg/kg**
The Other Elements : **0.05 mg/kg**
N.D. : **Not Detected**
Hg: ≤ 94 mg/kg
Al: ≤ 70000 mg/kg
Sb: ≤ 560 mg/kg
As: ≤ 47 mg/kg
Ba: ≤ 18750 mg/kg
B: ≤ 15000 mg/kg
Cd: ≤ 17 mg/kg
Chromium (Cr) (III): ≤ 460 mg/kg
Chromium (Cr) (VI): ≤ 0.053 mg/kg
Cobalt (Co): ≤ 130 mg/kg
Cu: ≤ 7700 mg/kg
Pb: ≤ 23 mg/kg
Mn: ≤ 15000 mg/kg
Ni: ≤ 930 mg/kg
Se: ≤ 460 mg/kg
Sr: ≤ 56000 mg/kg
Sn: ≤ 180000 mg/kg
Organic Tin: ≤ 12 mg/kg
Zn: ≤ 46000 mg/kg

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3. Summary of Methods

Polycyclic Aromatic Hydrocarbons (PAHs)	Standard: ISO/TS 16190	Issue Date: 2013
Method Description: Test method to quantitatively determine polycyclic aromatic hydrocarbons (PAH).		
Phthalates	Standard: CPSC-CH-C1001-09.4	Issue Date: 2018
Method Description: CPSC-CH-C1001-09.4: Determination of selected phthalates after solvent extraction, in child care and toys materials with Tetrahydrofuran Method, Quantification by GC-MS.		
Mechanical and Physical Properties	Standard: EN 71-1: 2014 + A1:2018	Issue Date: 2014 + A1:2018
Method Description: Safety of Toys Part 1: Mechanical and physical properties		
Flammability	Standard: EN 71- 2: 2011 + A1:2014	Issue Date: 2011 + A1:2014
Method Description: Safety of Toys Part 2: Flammability		
Migration of Certain Elements	Standard: EN 71-3:2019	Issue Date: 2019
Method Description: Safety of Toys Part 3: Migration of Some Elements (Quantification by ICP-MS/OES)		

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4. Photo



*** END OF THE REPORT ***

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