



XIAMEN AMOYDECOR INDUSTRIAL CO.,LTD

Technical Report: (8824)208-0122

Date Received: Jul 26, 2024

Aug 20, 2024

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XIAMEN AMOYDECOR INDUSTRIAL CO.,LTD
RM.401-407, BLDG. B, NO.9-19, FANGHU ROAD, HULI
DISTRICT, XIAMEN, CHINA

Sample Description: STANDING R/DEER,STANDING MOOSE,SITTING GIRL,GIRL TREE TOPPER,SANTA
HAT,GIRL ON THE MOON,PINK ANGEL,FELT ELF DEC,STANDING ANGEL,MERRY
XMAS G/LAND

Vendor: XIAMEN AMOYDECOR INDUSTRIAL CO.,LTD Sample Size: 10

Manufacturer: SHANTOU BOYUEXIN CRAFTS CO. LTD Style No(s): 7133349,7133353,
7133351,7137411,
7135191,7123300,
7123291,7123243,
7133352,7135211

Labeled Age Grade: NOT PRESENT SKN/SKU No.: NOT PROVIDE
Appropriate Age Grade: NOT REQUESTED PO No.: 28101,62336,28116,
19817,20259, 16537,
60966,52176,60951,
49689,60982,63582,
62473

Client Specified Age Grade: 3+ Ref #: NOT PROVIDE

Tested Age Grade: OVER 3 YEARS OF AGE Country of Origin: CHINA

UPC Code: N/A Assortment No.: NOT PROVIDE

Country of Destination: IRELAND Resubmitted Sample AUG 5, 2024

Date: Test Starting Date: JUL 26, 2024 Test Finished Date: AUG 20, 2024

BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

Lisa Bai

Analytical lab technical ass. manager

RT/ Min Chen

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

Business Contact: (86) 0769 85893595

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BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Tone Tang

Tone Tang

Physics Lab Assistant Supervisor



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EXECUTIVE SUMMARY:

Test Requested	Conclusion
Mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2014+A1:2018 clauses 1-7.	PASS
Labeling requirements of "CE marking, manufacturer/ Importer name and address, and product identification" under "Directive 2009/48/EC Safety of Toy".	PASS
Flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2020.	PASS
Migration of Certain Elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of toys", EN 71-3:2019+A1:2021.	PASS
As specified by client, to determine colourfastness to rubbing in the submitted sample(s) in accordance with ISO 105-X12:2016.	DATA

Note: At the request of the client, the sample(s) was evaluated for use by children 3+.

Note: At the request of the client, the EN 71 Pt.1-2014+A1:2018: clause 7 labeling requirement(s) was not evaluated for this submission.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).



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Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Brown/dull nude/red/orange coating	diadema girl	-
I002	Silver coating	diadema girl	-
I003	Light coffee/pink nude/black/dull pink/light orange coating	Angle girl	-
I004	Pink coating	Angle girl	-
I005	Golden coating	Angle girl	-
I006	Light nude/black/red/rose pink coating	Elf	-
I007	Rose red/deep pink coating	Face of big girl	-
I008	Bright black coating	Eyes of deer	-
I010	Pale nude/dark pink/black/off white coating	Body of moon girl	-
I011	Translucent plastic	Body of diadema girl	-
I012	Translucent white polymer	Body of diadema girl / Angle girl/moon girl	-
I013	Beige white plastic	Head of Elf	-
I014	White foam	Body of Elf	-
I015	Silver soft plastic glitter coated white fabric	Wings of diadema girl	-
I016	Iridescence silver soft plastic film with adhesive	Skrit of diadema girl	-
I017	White mesh	Skrit of diadema girl	-
I018	White fabric	inner skrit of diadema girl	-
I019	Golden soft plastic glitter coated light brown fabric	Wings of Elf	-
I020	Golden soft plastic glitter coated pink mesh	Dress of Elf	-
I021	Dull pink plush	Inner dress of Elf	-
I022	Beige fabric	Arms of Elf	-
I023	Milk white woven fabric	Hat of Elf	-
I024	Nude pink plush	Ball of Elf hat	-
I025	Beige string	Rope of Elf	-
I026	Snow white long plush	Scarf of Elf	-
I027	Beige plastic	Eyes of deer	-
I028	Deep apricot long plush	Hat/cloth of deer	-
I029	Deep brown threads/dull bean green plush	Cloth of deer	-
I030	Coffee felt	Horn/nose /foot of deer	-
I031	Black thread/dull apricot wovwn fabric	Face of deer	-
I032	Light beige knit fabric	Scarf of deer	-



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Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I033	Green knit fabric	Scarf of deer	-
I034	Snow white string	tassels of scarf	-
I035	Light green felt	Back of deer	-
I036	Beige felt	Back of deer	-
I037	Natrual original wood	Button/moon	-
I038	Nude thread/nude long plush	Stand deer	-
I039	White long plush	Red hat	-
I040	Red long plush	Red hat	-
I041	Snow white pompon	Hat of big girl	-
I042	Cyan plush	Hat of big girl	-
I043	Snow white long plush	Hat of big girl	-
I044	Light brown string	Hair of big girl	-
I045	Golden coated sandy brown fabric	Wings of big girl	-
I046	Nude fabric	Hands of big girl	-
I047	Silver plastic thread/light cyan long plush	Dress of big girl	-
I048	Off white felt	Body of big girl	-
I049	Snow white fabric	Foot of big girl	-
I050	Sandy brown plastic	Head of big girl	-
I051	Red pompon	Hanging curtain	-
I052	Green pompon	Hanging curtain	-
I053	Red felt	Hanging curtain	-
I054	Dark green felt	Hanging curtain	-
I055	White felt	Hanging curtain	-
I056	White/red string	Hanging curtain	-
I057	Pink printed nude/black felt	Face of boy	-
I058	Light red felt	Boy	-
I059	Grass green felt	Boy	-
I060	Light brown string	Hang ring of boy	-
I061	Khaki string	Hang ring of moon girl	-
I062	White long feather	Skrit of Angle girl	-
I063	Pink long feather	Skrit of moon girl	-

Remark:

The item(s) 004 was resubmitted by client dated on Aug 15, 2024.



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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71 : Part 1 : 2014+A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age determination guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).	
Note :	The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.
Note :	If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NP	None Present				
NT	Not Tested				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		



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RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
(EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.8e	Splinters	M
4.9	Protruding parts	M
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	NA
4.10.4	Springs	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Cord of toy kites and other flying toys	NA
4.14.1	Toys which a child can enter	NA
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.1.7	Toys propelled by child – insertion mark	NA
4.15.1.8	Electrically-driven ride-on toys	NA
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Warnings and instructions for use	NA
4.15.2.3	Toy bicycles – Braking	NA
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.18	Toy scooters	NA



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Subclause	Requirement	Result
4.16	Heavy immobile toys	NA
4.17.2	All projectiles	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA
4.17.4 & 7.26	Certain projectiles toys without stored energy	NA
4.18 & 7.4	Aquatic toys and inflatable toys	NA
4.19 & 7.13 & 7.14	Percussion caps	NA
4.20.2.1- 4.20.2.4, 4.20.2.6-4.20.2.12 & 7.14	Acoustics	NA
*4.20.2.5	Acoustics– Toys using headphones or earphones	NA
4.21	Toys containing a non-electrical heat source	NA
4.22 & 7.2	Small balls	NA
4.23	Magnet	
4.23.2 a, b & c	Toy other than magnetic / electrical experimental sets intended for children over 8 years	NA
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo ball	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27.1	Flying toys – General	NA
4.27.2 & 7.25.1	Rotors and propellers on flying toys	NA
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	NA
FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS		
5.1	General	NA
5.1a	Small parts – as received	NA
5.1b	Small parts, sharp points, sharp edges – after tests	NA
5.1c	Cross section <2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Casing of toys	NA
5.2	Fillings, coverings and seams	NA
5.3	Adhesion of plastic sheeting	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA



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RESULTS:

Subclause	Requirement	Result
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6 & 7.21	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	NA
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15 & 7.24	Sledges with cords for pulling	NA
6	Packaging	NA
WARNINGS, INSTRUCTIONS FOR USE		
7.1	General	NT
7.2	Toys not intended for children under 36 months	NT
7.5	Functional toys	NT

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section NT=Not Test



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RESULTS:

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 1

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.3	8.25.1	4.15.1.5	8.26.1	4.22	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.32	5.4.5	8.40
4.5	8.5, 8.7, 8.11, 8.12	4.15.1.8	8.29	4.23	8.2, 8.3, 8.4.2.1, 8.4.2.2, 8.5, 8.6, 8.7, 8.8, 8.34, 8.35	5.4.6	8.40
4.6	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.14	4.15.2.4	8.26.2	4.24	8.37	5.4.7	8.20
4.7	8.11	4.15.3	8.21, 8.23.1	4.25	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32.1	5.7.8	8.39
4.8	8.12, 8.13	4.15.4	8.21, 8.23.1	4.26	8.38	5.5	8.15
4.9	8.4.2.3, 8.11, 8.12	4.15.5	8.11, 8.12, 8.21, 8.22, 8.26.3, 8.27	4.27.1	8.43	5.6	8.29
4.10.1	8.18.2, 8.18.3	4.16	8.23.2	4.27.2	8.4.2.6	5.8	8.16
4.10.2	8.5, 8.6, 8.7, 8.11, 8.12	4.17.1	8.3, 8.4.2.1, 8.7, 8.8, 8.42	4.27.3	8.4.2.6	5.10	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9, 8.32
4.11	8.2, 8.3, 8.4.2.1, 8.9, 8.17	4.17.2	8.3, 8.4.2.4, 8.7, 8.8, 8.32.1, 8.43, 8.44	5.1	8.2, 8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.9, 8.11, 8.12	5.11	8.33
4.13	8.19	4.17.3	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.3	8.4.2.1, 8.25	5.12	8.3, 8.4.2.1, 8.5, 8.6, 8.7, 8.8, 8.9,
4.14.1	8.31.1, 8.31.2	4.17.4	8.3, 8.4.2.3, 8.4.2.5, 8.11, 8.12, 8.24, 8.42	5.4.1	8.40	5.13	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.32
4.14.2	8.3, 8.4.2.1, 8.5, 8.7, 8.8, 8.11, 8.12	4.18	8.2, 8.3, 8.4.2.1	5.4.2	8.38, 8.40, 8.41	5.14	8.38
4.15.1.3	8.11, 8.12, 8.21, 8.22	4.20	8.28	5.4.3	8.38, 8.40, 8.41	6	8.3, 8.4.2.1, 8.25.1, 8.32.1
4.15.1.4	8.23.1	4.21	8.30	5.4.4	8.36, 8.38		



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RESULTS:

FLAMMABILITY (EN 71 PART 2: 2020)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Highly flammable solids	NP
4.1	Surface flash on a piled surface	M
*4.1	Flammable gases	NA
*4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	M
4.3	Toy disguise costumes and toys intended to be worn by child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by child	NA
4.4	warning on product and packaging (10 – 30 mm/s)	NA
4.5	Soft-filled toys	M

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-

* Note: Subclause indicated with * are not accredited.

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section
P = Present NP = Not Present



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RESULTS:

Migration of Certain Elements, EN 71-3:2019+A1:2021

Test Method: European Standard EN 71-3:2019+A1:2021 Section 8.

Class: Category III - Scraped off toy material

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I001	I002	I003	I004	I005	I006
Aluminium (Al)	28130	40	8670	180	63	5080	120
Arsenic (As)	47	ND	ND	ND	ND	ND	ND
Boron (B)	15000	25	22	23	ND	5	4
Barium (Ba)	18750	4	ND	ND	5	ND	9
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	2	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	0.28	0.42	1.69	ND
Chromium VI (Cr VI)	0.053	ND#	ND#	ND#	ND#	ND#	ND#
Copper (Cu)	7700	ND	ND	ND	18	ND	ND
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	2	ND	ND	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	9	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	ND	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	4	ND	2	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	13	7	15	10	4	ND
Zinc (Zn)	46000	13	5	8	28	6	21
Mass of trace amount (gram)		0.0435	0.0307	0.0425	-	0.0230	0.0354
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)				
		Test Item(s)				
	Category III	I010	I011	I012	I013	I014
Aluminium (Al)	28130	200	7	6	10	16
Arsenic (As)	47	ND	ND	ND	ND	ND
Boron (B)	15000	8	ND	ND	ND	5
Barium (Ba)	18750	ND	2	2	9	2
Cadmium (Cd)	17	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	ND	ND
Chromium VI (Cr VI)	0.053	ND#	ND	ND	ND	ND
Copper (Cu)	7700	150	3	4	4	7
Mercury (Hg)	94	ND	ND	ND	ND	ND
Manganese (Mn)	15000	4	ND	ND	ND	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND
Strontium (Sr)	56000	33	3	7	3	3
Zinc (Zn)	46000	87	9	9	10	26
Mass of trace amount (gram)		0.0898	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I015	I016	I017	I018	I019	I020
Aluminium (Al)	28130	280	11	11	16	66	14
Arsenic (As)	47	ND	ND	3	5	ND	ND
Boron (B)	15000	49	7	52	170	16	48
Barium (Ba)	18750	3	ND	2	4	5	6
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	0.21	ND	0.80	0.88	0.31	ND
Chromium VI (Cr VI)	0.053	ND#	ND#	ND#	ND#	ND#	ND
Copper (Cu)	7700	ND	3	9	10	3	3
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	2	3	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	4	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	3	2	3	4	35	3
Zinc (Zn)	46000	13	9	14	18	9	10
Mass of trace amount (gram)		-	0.0580	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I021	I022	I023	I024	I025	I026
Aluminium (Al)	28130	9	16	6	13	19	60
Arsenic (As)	47	ND	ND	ND	ND	ND	ND
Boron (B)	15000	3	ND	ND	2	52	5
Barium (Ba)	18750	4	3	ND	5	6	5
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	ND	ND	0.34
Chromium VI (Cr VI)	0.053	ND#	ND	ND	ND	ND#	ND#
Copper (Cu)	7700	4	5	3	7	4	5
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	2	ND	ND	3
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	4	ND	4	ND	3
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	3	5	3	7	7	23
Zinc (Zn)	46000	11	16	9	39	17	15
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I027	I028	I029	I030	I031	I032
Aluminium (Al)	28130	5	11	18	22	26	11
Arsenic (As)	47	ND	ND	ND	ND	ND	ND
Boron (B)	15000	ND	3	14	4	11	33
Barium (Ba)	18750	3	4	4	4	6	4
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	0.18	ND	ND
Chromium VI (Cr VI)	0.053	ND	ND#	ND#	ND#	ND#	ND
Copper (Cu)	7700	4	4	5	3	6	4
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	ND	2	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	8	9	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	4	4	5	4	5	6
Zinc (Zn)	46000	11	14	30	20	72	17
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I033	I034	I035	I036	I037	I038
Aluminium (Al)	28130	16	15	20	28	17	38
Arsenic (As)	47	ND	ND	ND	ND	ND	ND
Boron (B)	15000	5	3	4	6	19	ND
Barium (Ba)	18750	3	3	3	6	10	4
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	0.19	ND	0.24
Chromium VI (Cr VI)	0.053	ND#	ND#	ND#	ND#	ND#	ND#
Copper (Cu)	7700	4	2	ND	3	3	5
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	2	36	2
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	10	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	4	3	4	4	30	4
Zinc (Zn)	46000	15	12	17	33	15	27
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I039	I040	I041	I042	I043	I044
Aluminium (Al)	28130	8	20	13	25	18	32
Arsenic (As)	47	ND	ND	ND	2	2	ND
Boron (B)	15000	5	10	8	34	38	31
Barium (Ba)	18750	3	3	3	3	4	5
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	0.41	0.34	0.28
Chromium VI (Cr VI)	0.053	ND	ND	ND#	ND#	ND#	ND#
Copper (Cu)	7700	3	2	ND	ND	6	3
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	ND	ND	3
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	13	ND	3	ND	2	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	3	4	4	3	4	6
Zinc (Zn)	46000	9	13	46	16	28	42
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I045	I046	I047	I048	I049	I050
Aluminium (Al)	28130	30	17	21	14	12	3
Arsenic (As)	47	ND	ND	ND	2	ND	ND
Boron (B)	15000	21	20	39	55	13	ND
Barium (Ba)	18750	4	5	3	3	4	2
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	0.23	ND	ND	0.45	ND	ND
Chromium VI (Cr VI)	0.053	ND#	ND#	ND#	ND#	ND#	ND
Copper (Cu)	7700	ND	4	ND	3	4	2
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	ND	ND	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	ND	19	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	5	5	3	3	4	3
Zinc (Zn)	46000	18	21	17	26	22	7
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Test Item(s)					
	Category III	I051	I052	I053	I054	I055	I056
Aluminium (Al)	28130	13	10	14	10	14	17
Arsenic (As)	47	ND	ND	ND	ND	ND	ND
Boron (B)	15000	ND	ND	2	ND	10	56
Barium (Ba)	18750	3	3	5	2	3	4
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	0.51	ND	0.27	ND
Chromium VI (Cr VI)	0.053	ND	ND	ND#	ND#	ND#	ND
Copper (Cu)	7700	2	4	4	ND	6	ND
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	ND	ND	2
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	5	3	3	ND	4	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	3	4	4	3	3	6
Zinc (Zn)	46000	18	22	15	10	23	19
Mass of trace amount (gram)		-	-	-	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

Analyte	Requirement (mg/kg)	Result (mg/kg)						
		Test Item(s)						
	Category III	I057	I058	I059	I060	I061	I062	I063
Aluminium (Al)	28130	13	7	19	25	28	12	4
Arsenic (As)	47	ND	ND	ND	ND	ND	6	ND
Boron (B)	15000	18	10	22	260	360	1470	310
Barium (Ba)	18750	3	14	5	4	6	ND	ND
Cadmium (Cd)	17	ND	ND	ND	ND	ND	ND	ND
Cobalt (Co)	130	ND	ND	ND	ND	ND	ND	ND
Chromium III (Cr III)	460	ND	ND	ND	ND	ND	1.17	ND
Chromium VI (Cr VI)	0.053	ND	ND	ND#	ND	ND	ND#	ND#
Copper (Cu)	7700	5	5	8	4	4	ND	6
Mercury (Hg)	94	ND	ND	ND	ND	ND	ND	ND
Manganese (Mn)	15000	ND	ND	ND	7	15	3	ND
Nickel (Ni)	930	ND	ND	ND	ND	ND	ND	ND
Lead (Pb)	23	ND	ND	ND	ND	ND	ND	ND
Antimony (Sb)	560	ND	ND	ND	ND	ND	ND	ND
Selenium (Se)	460	ND	ND	ND	ND	ND	ND	ND
Tin (Sn)	180000	ND	ND	ND	ND	ND	ND	ND
Organic tin	12	ND	ND	ND	ND	ND	ND	ND
Strontium (Sr)	56000	4	8	5	7	10	ND	ND
Zinc (Zn)	46000	18	14	17	12	13	12	5
Mass of trace amount (gram)		-	-	-	0.0585	-	-	-
Conclusion		PASS	PASS	PASS	PASS	PASS	PASS	PASS



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RESULTS:

mg/kg = milligrams per kilogram (ppm=parts per million)

Organic tin = migration of total organic tin is expressed as tributyltin cation content in mg/kg

= Verified results (see note)

ND = Not detected

Detection Limit (mg/kg) :

Category III - Al : 2 ; Sb : 2 ; As : 2 ; Ba : 2 ; B : 2 ; Cd : 2 ; Cr III : 0.15 ; Cr VI : 0.025 ; Co : 2 ; Cu : 2 ; Pb : 2 ; Mn : 2 ; Hg : 2 ; Ni : 2 ; Se : 2 ; Sr : 2 ; Sn : 2 ; Organic tin : 2 ; Zn : 2

Remark:

- Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
- Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.
- The pH measured shall be reported after migration if it was outside the range of 1.1 to 1.3.
- The received sample(s) Item 007-008 contained accessible component(s) of less than 10 milligrams by weight on one single sample, therefore such component(s) was not subject to migration of certain elements of European Standard, "Safety of Toys", EN 71-3:2019+A1:2021, as specified in Clause 7.1 - Selection of test portions.

Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN 71-3:2019+A1:2021, Annex F by Ion-chromatography with ICP-MS detector analysis.
- Organic tin: EN 71-3:2019+A1:2021, Annex G by Gas Chromatography-Mass Spectroscopy analysis.



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Tested Sample Description List:

Sample No.	Sample Description	Remark
A	Red plush	--

RESULTS:

Colourfastness to rubbing

Test Method: ISO 105-X12:2016

Requirement

	A	
Dry staining (Grade)	4	--
Wet staining (Grade)	4-5	--
Conclusion	DATA	

Remark:

Explanation of Colorfastness Results:

Grade 5	Negligible or no change or staining
Grade 4	Slightly changed or stained
Grade 3	Noticeably changed or stained
Grade 2	Considerably changed or stained
Grade 1	Much changed or heavily stained

RESULTS:



END OF REPORT