

HAPE INTERNATIONAL (NINGBO) LTD
HAPPY ARTS&CRAFTS (NINGBO)CO.,LTD
9-27NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN, NINGBO, CHINA

Sample Description : OWL BED OSCAR
Sample Quantity : 6 SETS
Style / Item No. : E8535
Country of Origin : CHINA
Country of Destination : GLOBAL
Labeled Age Grading : 0-12 MONTHS
Requested Age Grading : 0-12 M
Client Reference Information : E8535Y,E8852

Source of Sample : SENT BY CLIENT.
Age Group Assessed as Per Age Guideline : ALL AGES
Age Group Applied in Testing : ALL AGES
Sample Receiving Date : OCT. 08, 2023
Further Information Date : OCT. 20, 2023
Testing Period : OCT. 08, 2023 TO OCT. 20, 2023

Test Requested	Result
EN 71-1: 2014+A1: 2018 – Safety of toys – Part 1: Mechanical and Physical Properties	Pass
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to Informative Annex A.26 and A.33 of the European standard on Safety of toys EN 71-1: 2014+A1: 2018 and the Directive 2009/48/EC-Safety of toys	See Result
EN 71-2: 2020 – Safety of toys – Part 2: Flammability	Pass
COMMISSION IMPLEMENTING DECISION (EU) 2023/740 on harmonised standards for toys drafted in support of Directive 2009/48/EC - EN71-3: 2019+A1:2021 - Migration of certain elements (Category III:for scrapped-off toy material)	Pass

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

Jessie Zhou



Jessie Zhou
Authorized Signatory



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Results:
EN 71-1: 2014+A1: 2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1: 2014+A1: 2018 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.2	Assembly	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	<u>Pass</u>
4.20	Acoustics	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable components (Test method 8.2)	<u>Pass</u>
5.1b	Torque test (Test method 8.3)	<u>Pass</u>
	Tension test (Test method 8.4)	<u>Pass</u>
	Drop test (Test method 8.5)	<u>Pass</u>
	Impact test (Test method 8.7)	<u>Pass</u>
	Sharp edge (Test method 8.11)	<u>Pass</u>
	Sharp point (Test method 8.12)	<u>Pass</u>
5.1e	Glued wooden toys and toys with glued on plastic decals	<u>Pass</u>
5.1f	The casing of toys intended for children too young to sit up unaided	<u>Pass</u>
5.2	Soft-filled toys and soft-filled parts of a toy	<u>Pass</u>
5.4	Cords, chains and electrical cable in toys	<u>Pass</u>
5.8	Shape and size of certain toys	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements	<u>Pass</u>
Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects:		
a) Emphasising the warning		
b) Contrast, background and colours		
c) Reflecting surfaces and obscuring material		
d) Font type		
e) Font size		
f) Logical direction of text		
For more details, see EN 71-1.		



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Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO INFORMATIVE ANNEX A.26 AND A.33 OF THE EUROPEAN STANDARD ON SAFETY OF TOYS EN 71-1: 2014+A1: 2018 AND THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Present	Toy/Packaging
CE Mark	Present	Packaging
Importer's Name & Address	Present	Packaging
Manufacturer's Name & Address	Present	Packaging
Product ID	Present	Toy/Packaging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned. According to the GUIDANCE DOCUMENT ON THE APPLICATION OF DIRECTIVE 2009/48/EC ON THE SAFETY OF TOYS, manufacturer shall not label "surface washing" on textile toys which, under the TSD, need to be soak washable.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.

EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2020 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

Clause	Description	Result
4.1	General requirements	Pass
4.5	Soft filled toys (The soft bird and flower were not tested since the stuffed portion of the sample has a maximum dimension less than 150mm.)	Pass (See Result)

Type of gas: Butane gas used in the test burner



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Test Report

No.: SHHL2310051645TY

Date: OCT. 20, 2023

Page 4 of 12

Result:

Soft-Filled Toys (clause 4.5)

Sample

Soft mat

Burning rate (mm/sec)

DNI

(Requirement: The rate of spread of flame on the surface of toy shall be not greater than 30 mm/sec or the toy shall self-extinguish.)

DNI = Did Not Ignite

N.B. : - Only applicable clauses were shown.

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA23-0162407-0001.C001	White coating
SN2	A2	SHA23-0162407-0001.C002	Black coating
SN3	A3	SHA23-0162407-0001.C003	Dark blue coating
SN4	A4	SHA23-0162407-0001.C004	Light blue coating
SN5	A5	SHA23-0162407-0001.C005	Orange coating
SN6	A6	SHA23-0162407-0001.C006	Translucent ABS ring
SN7	A7	SHA23-0162407-0001.C007	Pink ABS ring
SN8	A8	SHA23-0162407-0001.C008	Orange PE
SN9	A12	SHA23-0162407-0001.C012	White velcro
SN10	A13	SHA23-0162407-0001.C013	White velcro
SN11	A14	SHA23-0162407-0001.C014	White plastic
SN12	A15	SHA23-0162407-0001.C015	Translucent soft plastic
SN13	A16	SHA23-0162407-0001.C016	White plastic
SN14	A17	SHA23-0162407-0001.C017	Black plastic
SN15	A18	SHA23-0162407-0001.C018	Light green fleece fabric
SN16	A19	SHA23-0162407-0001.C019	Yellow fleece fabric
SN17	A20	SHA23-0162407-0001.C020	White fleece fabric with colorful printing
SN18	A21	SHA23-0162407-0001.C021	White mesh fabric
SN19	A22	SHA23-0162407-0001.C022	Pink webbing
SN20	A23	SHA23-0162407-0001.C023	Yellow webbing
SN21	A24	SHA23-0162407-0001.C024	Blue webbing
SN22	A25	SHA23-0162407-0001.C025	Green webbing
SN23	A26	SHA23-0162407-0001.C026	Green fleece fabric
SN24	A27	SHA23-0162407-0001.C027	Pink fleece fabric
SN25	A28	SHA23-0162407-0001.C028	Green embroid thread
SN26	A29	SHA23-0162407-0001.C029	White fleece fabric with colorful printing
SN27	A30	SHA23-0162407-0001.C030	Orange/white label
SN28	A31	SHA23-0162407-0001.C031	White fabric label with black printing
SN29	A32	SHA23-0162407-0001.C032	White fleece fabric with colorful printing
SN30	A33	SHA23-0162407-0001.C033	White fleece fabric with colorful printing
SN31	A34	SHA23-0162407-0001.C034	White non-woven fabrics



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SN ID	Sample No.	SGS Sample ID	Description
SN32	A35	SHA23-0162407-0001.C035	White infilling
SN33	A36	SHA23-0162407-0001.C036	Natural color solid wood

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

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Test Method: With reference to EN 71-3:2019+A1:2021, analysis was performed by ICP-OES, IC-UV or LC-ICP-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1*	A2*	A3*
Soluble Lead(Pb)	23	mg/kg	5	-	-	-
Soluble Antimony(Sb)	560	mg/kg	10	-	-	-
Soluble Arsenic(As)	47	mg/kg	10	-	-	-
Soluble Barium(Ba)	18750	mg/kg	50	-	-	-
Soluble Cadmium(Cd)	17	mg/kg	5	-	-	-
Soluble Chromium(III)(CrIII)	460	mg/kg	5	-	-	-
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	-	-	-
Soluble Mercury(Hg)	94	mg/kg	10	-	-	-
Soluble Selenium(Se)	460	mg/kg	10	-	-	-
Soluble Boron(B)	15000	mg/kg	50	-	-	-
Soluble Cobalt(Co)	130	mg/kg	10	-	-	-
Soluble Manganese(Mn)	15000	mg/kg	50	-	-	-
Soluble Strontium(Sr)	56000	mg/kg	50	-	-	-
Soluble Zinc(Zn)	46000	mg/kg	50	-	-	-
Soluble Copper(Cu)	7700	mg/kg	50	-	-	-
Soluble Aluminum(Al)	28130	mg/kg	50	-	-	-
Soluble Nickel(Ni)	930	mg/kg	10	-	-	-
Soluble Tin(Sn)	180000	mg/kg	3	-	-	-
Soluble Organic Tin*	12	mg/kg	-	-	-	-
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A4*	A5*	A6
Soluble Lead(Pb)	23	mg/kg	5	-	-	ND
Soluble Antimony(Sb)	560	mg/kg	10	-	-	ND
Soluble Arsenic(As)	47	mg/kg	10	-	-	ND
Soluble Barium(Ba)	18750	mg/kg	50	-	-	ND
Soluble Cadmium(Cd)	17	mg/kg	5	-	-	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	-	-	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	-	-	ND
Soluble Mercury(Hg)	94	mg/kg	10	-	-	ND



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Test Report

No.: SHHL2310051645TY

Date: OCT. 20, 2023

Page 6 of 12

Test Item(s)	Limit	Unit(s)	MDL	A4*	A5*	A6
Soluble Selenium(Se)	460	mg/kg	10	-	-	ND
Soluble Boron(B)	15000	mg/kg	50	-	-	ND
Soluble Cobalt(Co)	130	mg/kg	10	-	-	ND
Soluble Manganese(Mn)	15000	mg/kg	50	-	-	ND
Soluble Strontium(Sr)	56000	mg/kg	50	-	-	ND
Soluble Zinc(Zn)	46000	mg/kg	50	-	-	ND
Soluble Copper(Cu)	7700	mg/kg	50	-	-	ND
Soluble Aluminum(Al)	28130	mg/kg	50	-	-	ND
Soluble Nickel(Ni)	930	mg/kg	10	-	-	ND
Soluble Tin(Sn)	180000	mg/kg	3	-	-	ND
Soluble Organic Tin*	12	mg/kg	-	-	-	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A7	A8	A12
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A13	A14	A15
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND



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Test Report

No.: SHHL2310051645TY

Date: OCT. 20, 2023

Page 7 of 12

Test Item(s)	Limit	Unit(s)	MDL	A13	A14	A15
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A16	A17	A18
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A19	A20	A21
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A19	A20	A21
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A22	A23	A24
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A25	A26	A27
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A25	A26	A27
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A28	A29	A30
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A31	A32	A33
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND



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Test Item(s)	Limit	Unit(s)	MDL	A31	A32	A33
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Test Item(s)	Limit	Unit(s)	MDL	A34	A35	A36
Soluble Lead(Pb)	23	mg/kg	5	ND	ND	ND
Soluble Antimony(Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic(As)	47	mg/kg	10	ND	ND	ND
Soluble Barium(Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium(Cd)	17	mg/kg	5	ND	ND	ND
Soluble Chromium(III)(CrIII)	460	mg/kg	5	ND	ND	ND
Soluble Chromium(VI)(Cr VI)	0.053	mg/kg	0.025	ND	ND	ND
Soluble Mercury(Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium(Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron(B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt(Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese(Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium(Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc(Zn)	46000	mg/kg	50	ND	ND	ND
Soluble Copper(Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum(Al)	28130	mg/kg	50	ND	ND	ND
Soluble Nickel(Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin(Sn)	180000	mg/kg	3	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND
Conclusion				Pass	Pass	Pass

Notes:

(1) According to the Commission Implementing Decision (EU) 2023/740 of April 5, 2023, published in the OJEU. The EN 71-3:2019+A1:2021 is adopted as the harmonized standard for toys drafted in support of Directive 2009/48/EC.

(2) According to Chapter of 10.1.2 of EN 71-3:2019+A1:2021, Chromium (III) is calculated by the following formula:

Soluble Chromium (III) = Soluble Total Chromium - Soluble Chromium (VI)

(3) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN 71-3:2019+A1:2021.

(4) Mass of trace amount of sample A12 is 39.5mg, sample A16 is 42mg, sample A21 is 66.6mg, sample A22 is 57mg, sample A24 is 66.6mg, sample A25 is 66.9mg, sample A26 is 95.1mg, sample A28 is 38.3mg, sample A31 is 91.5mg.

(5) •As received, the test portion is less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the European Standard EN 71-3:2019+A1:2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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2. The declaration of conformity is based on acceptance limits chosen based on simple acceptance ($w = 0$, $AL = TL$).

Statements of conformity are reported as:

Passed - The measured values were observed in tolerance at the points tested.

Failed - One or more measured values were observed out of tolerance at the points tested.



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