

TEST REPORT

Number : WUXH00124992

Applicant : GUANGDONG LUDDY INTERACTIVE
ENTERTAINMENT LTD.
ROOM 101, 1ST BUILDING, NO.201, JINYANG
ROAD, ZHANGMUTOU TOWN, DONGGUAN CITY,
GUANGDONG, CHINA

Date : Jan 20, 2022

Sample Description:

One (1) Piece Of Submitted Sample Said To Be :
Item Name : **MINI BIKE.**
Item No. : **1003L.**
Packaging Provided By Applicant : Yes.
Country Of Origin : China.
Goods Exported to : EU & USA.

Tests Conducted:

As Requested By The Applicant, For Details Refer To Attached Page(s).

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations) Mechanical And Physical Tests	Pass
Submitted Sample	U.S. CFR Title 16 (CPSC Regulations)-Part 1500.3(C)(6)(vi) Flammability Test On Rigid And Pliable Solids	Pass
Tested Components Of Submitted Sample	U.S. Code Of Federal Regulations Title 16 Part 1303 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	California Proposition 65 For Toys, Consent Judgement No. RG- 356892-Total Lead (Pb) Content	Pass
Tested Components Of Submitted Sample	California Proposition 65 For Toys, Consent Judgment No. BG- 350969- Phthalate Content	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



TEST REPORT

Number : WUXH00124992

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	U.S. ASTM F963-17 For Physical And Mechanical Tests	Pass
Submitted Sample	U.S. ASTM F963-17 For Flammability Test Of Materials Other Than Textile Materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 For Soluble Elements Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 Section 4.3.5.2(2)(b) For Soluble Elements Content For Non-Surface Coating Materials	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. ASTM F963-17 For Total Lead Content In Non-Surface Coating	Pass
Submitted Sample	Soluble Cadmium (Cd) Content In Metal (Small Parts)	Not Applicable
Tested Components Of Submitted Sample	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) And US 16 CFR Part 1307 For Prohibition Of Children's Toys And Child Care Articles Containing Specified Phthalates	Pass
Tested Components Of Submitted Sample	U.S. Code Of Federal Regulations Title 16 CFR 1303 For Total Lead Content In Surface Coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Surface Coating	Pass
Tested Components Of Submitted Sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Non-Surface Coating Materials (Substrate)	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



TEST REPORT

Number : WUXH00124992

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products	Pass
Submitted Sample	EN 71-1: 2014+ A1: 2018 For Mechanical And Physical Properties	Pass
Submitted Sample	EN 71-2: 2020 Flammability Test	Pass
Tested Components Of Submitted Sample	EN 71-3: 2019+A1: 2021 On Migration Of Certain Elements	Pass
Tested Components Of Submitted Sample	Phthalates Content Requirement In Annex XVII Items 52 Of The REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 (Formerly Known As Directive 2005/84/EC)	Pass
Tested Components Of Submitted Sample	Phthalates Content Requirement In Annex XVII Item 51 Of The REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 & Amendment Commission Regulation (EU) 2018/2005 (Formerly Known As Directive 2005/84/EC)	Pass
Submitted Sample	BS EN 71-1: 2014 + A1: 2018- Mechanical And Physical Properties	Pass
Submitted Sample	BS EN 71-2: 2011+A1: 2014 Flammability Test	Pass
Tested Components Of Submitted Sample	BS EN 71-3: 2019 On Migration Of Certain Elements	Pass
	BS EN 71-3: 2019 On Migration Of Certain Elements & (EU) 2019/1922 Amending 2009/48/EC (Effective From May,20 ,2020) For Aluminium (Al) Migration	Pass

Prepared And Checked By:
For Intertek Testing Services Wuxi Ltd.



Peter Chen
General Manager



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

1 Physical and Mechanical Test

As per U.S. code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Applicant's specified age group for testing : For 10-36 months

	No. of sample <u>tested</u>	Sharp <u>point</u> (1500.48)	Sharp <u>edge</u> (1500.49)	Small <u>part</u> (1501)
As received	1	P	P	P
Impact (1500.51 (b))	1	P	P	P
Flexure (1500.52 (d))	0	NA	NA	NA
Torque (1500.52 (e))	1	P	P	P
Tension (1500.52 (f))	1	P	P	P
Compression (1500.52 (g))	1	P	P	P

Remark: P = Pass
NA = Not applicable

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 13, 2022

2 Flammability Test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

Result: Did Not Ignite

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 13, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

3 Total Lead (Pb) Content

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(1)	<0.002	0.009

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022

4 Total Lead (Pb) Content:

With Reference To The California Proposition 65, Acid Digestion Method Was Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result In ppm</u>	<u>Limit In ppm</u>
(1)	<20	90
(2)	<10	100
(3)	<10	100
(4+5+6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100

The above limit was quoted from the Consent Judgement No. RG-356892, settled by superior court of the state of California for the County of Alameda, for Toys based on the California proposition 65.

Remark: ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

5 Phthalate Content Test:

Test Method: By Solvent Extraction And Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis.

Compounds	Result (%, w/w)			Limit (%, w/w) (max.)
	(1)	(3)	(4+5+6)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Di-Iso-Decyl Phthalate (DIDP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	-

Compounds	Result (%, w/w)				Limit (%, w/w) (max.)
	(7)	(8)	(9)	(10)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Di-Iso-Decyl Phthalate (DIDP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DnHP)	ND	ND	ND	ND	0.1
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	ND	-

Remark :

The above limit was quoted from the consent judgment No. BG-350969 settled by superior court of the state of California for the county of Alameda , for Toys based on the California Proposition 65.

ND = Not Detected

Detection Limit = 0.01% (w/w)

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

6 Physical And Mechanical Tests

As Per The ASTM Standard Consumer Safety Specification For Toy Safety F963-17.

Applicant's Specified Age Group For Testing: For 10-36 months

The Submitted Samples Were Undergone The Use And Abuse Tests In Accordance With The Federal Hazardous Substances Act (FHSA), Title 16, Code Of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact Test	Section 1500.51(b)	10 x 4.5 ft
Torque Test	Section 1500.52(e)	3 in-lbf
Tension Test	Section 1500.52(f)	15 lbf
Compression Test	Section 1500.52(g)	25 lbf

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material Quality (Visual Check On Cleanliness)	P
4.5	Sound-Producing Toys	NA
4.6.1	Toys Intended For Children Under 36 Months (Small Objects)	P
4.6.2	Mouth-Actuated Toys	NA
4.6.3	Toys And Games For 36 Months To 72 Months (Small Part Warning)	NA
4.7	Accessible Edges	P
4.8	Projections	P
4.9	Accessible Points	P
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	P
4.12	Plastic Film	P
4.13	Folding Mechanisms And Hinges	NA
4.14	Cords And Elastics In Toys	NA
4.15	Stability And Over-Load Requirements	P
4.16	Confined Spaces	NA
4.17	Wheels, Tires And Axles	P
4.18	Holes, Clearance, And Accessibility Of Mechanisms	P
4.19	Simulated Protective Devices Such As Helmets, Hats, And Goggles	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethers And Teething Toys	NA
4.23	Rattles	NA
4.24	Squeeze Toys	NA
4.25	Battery-Operated Toys	NA
4.26	Toys Intended To Be Attached To A Crib Or Playpen	NA



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.27	Stuffed And Beanbag-Type Toys	P
4.28	Stroller And Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
4.32	Certain Toys With Nearly Spherical Ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-Shaped Objects	NA
4.37	Yoyo Elastic Tether Toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment In Handles And Steering Wheels	NA
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
5	Labelling Requirement	P
6	Instructional Literature	P
7.1	Producer's Markings - Name Of Producer/Distributor - Address	Yes Yes
7.3	Toy Chests - Name of Manufacturer/Distributor/Seller (Toy) - Address (City, State And Zip Code) of Manufacturer/Distributor/Seller (Toy) - Date Code (Toy And Package/Shipping Container)	NA

Remark: P = Pass NA = Not applicable

The Submitted Samples Were Undergone The Tests In Accordance With Section 8.5 Through Section 8.18 And 8.20 Through 8.26 On Normal Use, Abuse And Specific Tests For Different Types Of Toys Whichever Is Applicable.

Date Sample Received: Jan 11, 2022 & Jan 20, 2022

Testing Period: Jan 11, 2022 To Jan 20, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

7 Flammability Test

As Per Section 4.2 Of The ASTM Standard Consumer Safety Specification For Toy Safety F963-17, The Sample Was Tested According To Annex A5 Flammability Testing Procedure For Solids And Soft Toys.

Results: Did Not Ignite

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 13, 2022

8 Soluble Elements Analysis In Surface Coating

As per section 4.3.5.1(2) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
	(1)	
Sol. Barium (Ba)	11	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark: Sol. = Soluble

ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

9 Soluble Elements Analysis In Non-Surface Coating Materials (Substrate Except Modelling Clay)

As per section 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>								<u>Limit (ppm)</u>
	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Remark: Sol. = Soluble
ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 19, 2022

10 Total Lead (Pb) Content for Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<20	90

Remark: ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

11 Total Lead (Pb) Content for Non-surface Coating

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3, was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(2)	<10	100
(3)	<10	100
(4+5+6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100

Remark: ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022

12 Soluble Cadmium (Cd) Content In Metal (Small Parts)

As per Section 4.3.5.2(2)(c) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, test method CPSC-CH-E1004-11 was used and soluble cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Result in µg</u>	<u>Limit in µg</u>
N/A	200

Remark:

µg = micrograms

N/A=Not Applicable

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

13 Phthalate Content

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

<u>Test item</u>	<u>Result (%)</u>			<u>Limit (%) (Max.)</u>
	(1)	(3)	(4+5+6)	
Dibutyl phthalate (DBP)	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	0.1

<u>Test item</u>	<u>Result (%)</u>				<u>Limit (%) (Max.)</u>
	(7)	(8)	(9)	(10)	
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.1

The above limit was quoted according to 16 CFR part 1307 approved by U.S. Consumer Product Safety Commission (CPSC) for prohibition of children's toys and child care articles containing specified phthalates.

Remark: ND = Not Detected
Detection Limit = 0.01%

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

14 Total Lead (Pb) Content In Surface Coating

As Per Standard Operating Procedure For Determining Lead (Pb) In Paint And Other Similar Surface Coatings (April 26, 2009), Test Method CPSC-CH-E1003-09 Was Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result In ppm</u>	<u>Limit In ppm</u>
(1)	<20	90

Remark: ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022

15 Total Lead (Pb) Content In Non-Surface Coating Materials (Substrate):

As Per Standard Operating Procedures For Determining Total Lead (Pb) In Children's Products, Test Methods CPSC-CH-E1002-08.1 And/Or CPSC-CH-E1001-08.1 Were Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result In ppm</u>	<u>Limit In ppm</u>
(2)	<10	100
(3)	<10	100
(4+5+6)	<10	100
(7)	<10	100
(8)	<10	100
(9)	<10	100
(10)	<10	100
(11)	<10	100

Remark: ppm = Parts Per Million = mg/kg

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

16 Tracking Label Assessment

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 tracking labels for children products.

Tracking label found on the packaging:

Manufacturer: Guangdong Luddy Interactive Entertainment Ltd.

Address: Room 101, Building 1, No. 201, Jinyang Road, Zhangmutou Town, Dongguan City, Guangdong Province

Batch No: 2021.12.21

Tracking label found on the label of the product:

Manufacturer: Guangdong Luddy Interactive Entertainment Ltd.

Address: Room 101, Building 1, No. 201, Jinyang Road, Zhangmutou Town, Dongguan City, Guangdong Province

Batch No: 2021.12.21

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

Date Sample Received: Jan 11, 2022 & Jan 20, 2022

Testing Period: Jan 11, 2022 To Jan 20, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

17 Mechanical and Physical Test

As Per European Standard on Safety of Toys EN71-1: 2014+ A1: 2018.

Applicant's Specified Age Group for Testing: For 10-36 months

The submitted samples were undergone the following abuse tests:		
Test	Clause	Parameter
Torque Test	8.3	0.34 Nm
Tension Test	8.4.2.1	90 N
Protective Components	8.4.2.3	60 N
Drop Test	8.5	850 mm x 5times
Impact Test	8.7	1 kg
Compression Test	8.8	110 N

Clause	Testing Items	Assessment
4	General Requirements	
4.1	Material	P
4.2	Assembly	P
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	P
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing a non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Clause	Testing Items	Assessment
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy disguise costumes	NA
4.27	Flying toys	NA
5	Toys intended for Children under 36 Months	
5.1	General requirements	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising 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	Sledges with cords for pulling	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates and skateboards and certain other ride-on toys	P
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Clause	Testing Items	Assessment
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Remark: P = Pass NA = Not Applicable

Remark: Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN 71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and the CE-marking shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompany the toy. In addition, manufacturers shall 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.

After checking, it was found that:

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Present	Present
CE-marking	Present	Present Not in correct format

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 13, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

18 Flammability Test

As per European Standard on Safety of Toys EN71-2: 2020

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from pile or flowing elements which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark: P = Pass

NA = Not Applicable

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 13, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

19 19 Toxic Element Migration Test

(A) Test Result

As per EN 71-3:2019+A1:2021 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, Ion Chromatography with UV-VIS and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

Element	Result (mg/kg)					Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(3)	(4)	(5)	(6)		
Aluminium (Al)	414	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	ND	10	47
Barium (Ba)	11	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) #	ND	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI)	ND	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	ND	2.5	180000
Organic tin **	ND	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	ND	ND	ND	ND	100	46000



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Element	Result (mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(7)	(8)	(9)	(10)		
Aluminium (Al)	ND	ND	ND	ND	300	28130
Antimony (Sb)	ND	ND	ND	ND	10	560
Arsenic (As)	ND	ND	ND	ND	10	47
Barium (Ba)	ND	ND	ND	ND	10	18750
Boron (B)	ND	ND	ND	ND	50	15000
Cadmium (Cd)	ND	ND	ND	ND	5	17
Chromium (III) (Cr III) #	ND	ND	ND	ND	10	460
Chromium (VI) (Cr VI)	ND	ND	ND	ND	0.025	0.053
Cobalt (Co)	ND	ND	ND	ND	10	130
Copper (Cu)	ND	ND	ND	ND	10	7700
Lead (Pb)	ND	ND	ND	ND	10	23
Manganese (Mn)	ND	ND	ND	ND	10	15000
Mercury (Hg)	ND	ND	ND	ND	10	94
Nickel (Ni)	ND	ND	ND	ND	10	930
Selenium (Se)	ND	ND	ND	ND	10	460
Strontium (Sr)	ND	ND	ND	ND	100	56000
Tin (Sn)	ND	ND	ND	ND	2.5	180000
Organic tin ++	ND	ND	ND	ND	5	12
Zinc (Zn)	ND	116	ND	ND	100	46000

Remark: mg/kg = milligram per kilogram

++ = Unless the test results were marked with "Δ", Organic tin contents were not directly determined and were derived from migration results of total tin.

- Organic tin test result was expressed as tributyl tin.

ND = Not detected (less than reporting limit)

= The reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

Δ = Confirmation test was performed on the tested component. The reported value was the sum of the migration values of Dimethyl tin, Methyl tin, Butyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin and Triphenyl tin after converted to Tributyl tin by calculation. Other Organic tin compounds may be also be present in sample as stated in EN 71-3:2019+A1:2021.



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Tested components: See component list in the last section of this report.

The pH after the migration of tested component (1) was outside the range of 1.1 to 1.3

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

20 Phthalate Content

With reference to ISO 8124-6: 2018 method A or C, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Tested Compound	CAS No.	Result (%w/w)			Limit (%w/w)
		(1)	(3)	(4+5+6)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%w/w)				Limit (%w/w)
		(7)	(8)	(9)	(10)	(Max.)
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	-
Diisononyl phthalate (DINP)	28553-12-0/ 68515-48-0	ND	ND	ND	ND	-
Diisodecyl phthalate (DIDP)	26761-40-0/ 68515-49-1	ND	ND	ND	ND	-
Sum of DINP, DNOP and DIDP	--	ND	ND	ND	ND	0.1

The above limit was quoted according to Annex XVII Item 52 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009 for phthalate content in toys and childcare articles.

Remark: Detection Limit = 0.01%(w/w)

ND = Not Detected

@ = As Requested By The Applicant, The Surface Coatings Were Tested With The Substrate For Phthalate Test. With The Consideration Of The Dilution Factor, The Testing Result May Not Represent The Result Of The Individual Coatings And Substrate.

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

21 Phthalate Content

With reference to ISO 8124-6: 2018 method A or C, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Tested Compound	CAS No.	Result (%w/w)			Limit (%w/w)
		(1)	(3)	(4+5+6)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	ND	0.1

Tested Compound	CAS No.	Result (%w/w)				Limit (%w/w)
		(7)	(8)	(9)	(10)	(Max.)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	-
Diethyl hexyl phthalate (DEHP)	117-81-7	ND	ND	ND	ND	-
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	-
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	-
Sum of DBP,DEHP,BBP and DIBP	--	ND	ND	ND	ND	0.1

The above limit was quoted according to Annex XVII Item 51 of the REACH Regulation (EC) No. 1907/2006 & Amendment No. 552/2009& Amendment Commission Regulation (EU) 2018/2005 for phthalate content in articles.

Remark: Detection Limit = 0.01%(w/w)
ND = Not Detected

@ = As Requested By The Applicant, The Surface Coatings Were Tested With The Substrate For Phthalate Test. With The Consideration Of The Dilution Factor, The Testing Result May Not Represent The Result Of The Individual Coatings And Substrate.

Tested Components: See Component List In The Last Section Of This Report.

Date Sample Received: Jan 11, 2022
Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

22 Mechanical and Physical Test

As per British Standard on Safety of toys BS EN 71-1: 2014+A1: 2018.

Applicant's specified age group for testing: For 10-36 months

The submitted samples were undergone the following abuse tests:	
<u>Clause</u>	<u>Testing items</u>
8.3	Torque test (0.34 Nm)
8.4.2.1	Tension test (90 N)
8.4.2.3	Protective components (60 N)
8.5	Drop test (850 mm x 5 times)
8.7	Impact test (1 kg)
8.8	Compression test (110 N)

Clause	Testing items	Assessment
4	General requirements	
4.1	Material cleanliness	P
4.2	Assembly	P
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	P
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	P
4.16	Heavy immobile toys	NA
4.17	Projectile toys	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27	Flying toys	NA
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	P
5.2	Soft-filled toys and soft-filled parts of a toy	P
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising 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	Sledges with cords for pulling	NA
6	Packaging	P
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectile toys	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	P
7.11	Toys otherwise intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethingers	NA



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Clause	Testing items	Assessment
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA
7.23	Toys intended to be attached to a cradle, cot or perambulator	NA
7.24	Sledges with cords for pulling	NA
7.25	Flying toys	NA
7.26	Improvised projectiles	NA

Abbreviation: P = Pass NA = Not Applicable

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements and not accredited: Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packaging shall also bear the CE-marking.

After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
Importer's name	Absent	Absent
Importer's address	Absent	Absent
Product identification code	Present	Present
CE-marking	Present	Present Not in correct format



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Below is additional information checking according to the UK Toy (Safety) Regulations requirement. The checking is not within accreditation scope.

Marking

The manufacturer's and importer's name, registered trade name or registered trademark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself.

After checking, it was found that

	Toy	Packaging
Manufacturer's name	Present	Present
Manufacturer's address	Present	Present
UK Importer's name	Absent	Absent
UK Importer's address	Absent	Absent
Product identification code	Present	Present

With reference to the guidance of using UKCA marking from 1 January 2021 by the Department for Business, Energy and Industrial Strategy published on 1 September 2020.

After checking UKCA marking, it was found that

	Toy	Packaging
UKCA marking	Absent	Present

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 13, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

23 Flammability Test

As per British Standard on Safety of Toys BS EN71-2: 2011+A1: 2014

Clause	Testing Items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	
4.2.2	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude 50 mm or more from the surface of the toy	NA
4.2.3	Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy	NA
4.2.4	Full or partial moulded head masks	NA
4.2.5	Flowing elements of toys to be worn on the head	NA
4.3	Toy Disguise Costumes and Toys Intended to be Worn by a Child in Play	NA
4.4	Toys Intended to be Entered by a Child	NA
4.5	Soft Filled Toys	NA

Remark: P = Pass

NA = Not Applicable

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 13, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

24 19 Toxic Elements Migration Test

(A) Test Result

As per BS EN 71-3:2019 and followed by Inductively Coupled Plasma Atomic Emission Spectrometry, Inductively Coupled Argon Mass Spectrometry, Ion Chromatography- Inductively Coupled Plasma-Mass Spectrometry, and Gas Chromatographic - Mass Spectrometry.

Category (III): Scraped-off toy material

<u>Element</u>	<u>Result (mg/kg)</u>					<u>Limit (mg/kg)</u>
	(1)	(3)	(4)	(5)	(6)	
Aluminium (Al)	414	< 300	< 300	< 300	< 300	70000/28130©
Antimony (Sb)	< 10	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	< 10	47
Barium (Ba)	11	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ++	< 10	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ++	< 0.025#	< 0.025#	< 0.025	< 0.025	< 0.025	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	< 10	180000
Organic tin ++	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	< 100	< 100	< 100	< 100	46000



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Element	Result (mg/kg)				Limit (mg/kg)
	(7)	(8)	(9)	(10)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000/28130 [©]
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) ⁺⁺	< 10	< 10	< 10	< 10	460
Chromium (VI) (Cr VI) ⁺⁺	< 0.025	< 0.025 [#]	< 0.025 [#]	< 0.025 [#]	0.053
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	23
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin ⁺⁺	< 3.0	< 3.0	< 3.0	< 3.0	12
Zinc (Zn)	< 100	116	< 100	< 100	46000

Remark: mg/kg = Milligram per kilogram

++ = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

- Organic tin test result was expressed as tributyl tin.

- Migration of Chromium (III) = Migration of total Chromium – Migration of Chromium(VI), when performed confirmation test for Chromium (VI)

© = The new Aluminium (Al) migration limit [2250mg/kg for Category (I), 560mg/kg for Category (II), 28130mg/kg for Category (III)] was quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.

= Confirmation of Chromium (VI) test was performed on the tested component. And the reported value of migration of Chromium (III) = migration value of total Chromium – migration value of Chromium(VI).

Δ = Confirmation test was performed on the tested component. The reported value was calculated by summation of the migration values of Methyl tin, Dibutyl tin, Tributyl tin, Tetrabutyl tin, n-Octyl tin, Di-n-octyl tin, Di-n-propyl tin, Diphenyl tin, Monobutyl tin and Triphenyl tin



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Tested Components: See component list in the last section of this report.

The pH after the migration of tested component (1) was outside the range of 1.1 to 1.3

(B) Categories of various toy materials

Category I: Dry, brittle, powder like or pliable

Solid toy material from which powder-like material is released during playing and semi-solid materials that may also leave residues on the hands during play. The material can be ingested. Contamination of the hands with the material may contribute to the oral exposure of the material. (e.g. the cores of colouring pencils, chalk, crayons, modelling clays and plaster).

Category II: Liquid or sticky

Fluid or viscous toy material, which can be ingested or to which dermal exposure may occur during playing. (e.g. liquid paints, finger paints, liquid ink in pens, glue sticks, slimes, bubble solution).

Category III: Scraped-off

Solid toy material with or without a coating, which can be ingested as a result of biting, tooth scraping, sucking or licking. (e.g. coatings, lacquers, plastics, paper, textiles, glass, ceramic, metallic, wooden, bone, leather and other materials).

Date Sample Received: Jan 11, 2022

Testing Period: Jan 11, 2022 To Jan 19, 2022



TEST REPORT

Number : WUXH00124992

Tests Conducted (As Requested By The Applicant)

Photo



Components List:

- (1) Blue coating on metal(frame).
- (2) Black metal screw.
- (3) Gray EVA(wheels).
- (4) Dark blue plastic(body,wheels).
- (5) Blue plastic(wheels).
- (6) Black plastic (under the cushion).
- (7) Light purple soft plastic(handlebar).
- (8) Dark blue sponge(handlebar).
- (9) Transparent soft plastic sticker with white pattern.
- (10) White leather(seat cover).
- (11) Golden metal nut.

End of Report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) received and tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Wuxi Ltd.