

Date : 17-Jun-2022 Page : 1 of 18

# TEST REPORT

APPLICANT : Shanghai Yori Painting & Packaging Co.,Ltd

ADDRESS : Room 1613, building 2, Lane 58, East Xinjian Road , Shanghai

201100, China

SAMPLE DESCRIPTION : Board Game - Decorum

COUNTRY OF ORIGIN : China

**COUNTRY OF DESTINATION** : USA

AGE REQUESTED ON APPLICATION FORM : 13+

LABELED AGE GRADE : 13+

AGE GRADE APPLIED IN TESTING : 13+

SAMPLE RECEIVED DATE : 17-May-2022

SAMPLE RESUBMISSION DATE : 07-Jun-2022

**TURN AROUND TIME** : 17-May-2022 to 17-Jun-2022

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

TEST REQUESTED	TEST METHOD/REGULATION	RESULT
Physical and Mechanical Hazards	EN71 Part 1:2014+A1:2018	Pass
Labeling Requirement	Directive 2009/48/EC	Pass
Flammability	EN71 Part 2:2020	Pass
Migration of Certain Elements	EN71 Part 3:2019+A1:2021	Pass
Physical and Mechanical Hazards	ASTM F963-17	Pass
Flammability of Toys	ASTM F963-17	Pass
Heavy Metals	ASTM F963-17	Pass
Phthalates Content	US CPSIA, Section 108	Pass
Total Lead Content	US 16 CFR 1303	Pass
Total Lead Content in Substrate	US CPSIA, Section 101	Pass

Samples are obtained by express delivery, 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 Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to <a href="mailto:info.hz@eurofins.com">info.hz@eurofins.com</a> 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 Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to <a href="mailto:chinacomplaint@eurofins.com">chinacomplaint@eurofins.com</a> and referring to this report number.



Date : 17-Jun-2022 Page : 2 of 18

Eurofins (Hangzhou) contact information

Customer service: NicoleBao@eurofins.com/ +86 571 87203730 Sales specialist: JoFeng@eurofins.com/ +86 216 1819 181

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

Signed for and on behalf of Eurofins Product Testing Service (Shanghai) Co., Ltd. Hangzhou Branch

Sara Liu

Lab Manager

Sama Lun



Date : 17-Jun-2022 Page : 3 of 18

## **SAMPLE PHOTO(S)**



EFHZ22052533-CG-01



Date : 17-Jun-2022 Page : 4 of 18

## **COMPONENT LIST**

Component No.	Component	Sample No.
1	White paper with multicolor coating (instruction)	Α
2	Red coating on wood (love)	Α
3	White paper card with multicolor coating	Α
4	White/brown paper board with multicolor coating	Α
5	Multicolor printed paper with transparent plastic film (box)	Α
6	Transparent plastic bag	Α
7	Brown paper (box)	Α
8	White paper with grey/black printing	Α
9	Natural color wood excluding coating (love)	Α
10	Transparent plastic	А
11	White plastic film	Α



Date : 17-Jun-2022 Page : 5 of 18

# **TEST RESULT**

### **Physical and Mechanical Hazards**

Test Request: As specified in European Standard on Safety of Toys EN71 Part 1:2014+A1 :2018

Section	Description	Result
4	General requirements	
4.1	Material cleanliness (by visual assessment)	Р
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	Р
4.8	Points and Metallic Wires	Р
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 mechanisms.	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
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
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by the child or by other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toys scooters	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
4.17.3	Projectile toy 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 and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.20.2.1	General	N/A
4.20.2.2	Close-to-the-ear toys	N/A
4.20.2.3	Table-top or floor toys	N/A
4.20.2.4	Hand-held toys	N/A
4.20.2.5	Toys using headphones or earphones	N/A
4.20.2.6	Rattles	N/A
4.20.2.7	Squeeze toys	N/A
4.20.2.8	Pull-along or push toys	N/A
4.20.2.9	Percussion toys	N/A



Date : 17-Jun-2022 Page : 6 of 18

# **TEST RESULT**

Section	Description	Result
4.20.2.10	Wind toys	N/A
4.20.2.11	Cap-firing toys	N/A
4.20.2.12	Voice toys	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
4.27.1	General	N/A
4.27.2	Rotors and propellers on flying toys	N/A
4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5	Toys intended for children under 36 months	·
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 cables in toys	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on 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	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn 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	<u>'</u>
7.1	General General	Р
7.2	Toys not intended for children under 36 months	P
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 toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
	Roller skates, inline skates, skateboards and certain other ride-on	
7.10	toys	N/A
7.11	Toys intended to be strung across a cradle, cot, or perambulator	N/A
7.12	Liquid-filled teethers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A
7.14	Acoustics	N/A
7.15	Toys 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



Date : 17-Jun-2022 Page : 7 of 18

# **TEST RESULT**

Section	Description	Result
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toy with electrical cables exceeding 300mm 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
7.23	Toys intended to be attached to a cradle, cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.25.1	Flying toys	N/A
7.25.2	Remote controlled flying toys	N/A
7.26	Improvised projectiles	N/A

### Remark:

P - Pass

NA - Not Applicable



Date : 17-Jun-2022 Page : 8 of 18

## **TEST RESULT**

#### **Labeling Requirement**

Test Request: Labeling requirement including Washing/Cleaning instruction, CE mark, importer /

manufacturer name and address, product identification as specified in Directive 2009/48/EC

- Safety of toys

Labeling Content	Observation Result	Location	Conclusion
Washing/Cleaning Instruction	Not Applicable	1	/
CE Mark	Present, Correct form, CE marking (height >5.0 mm)	Packaging	Pass
Importer's Name & Address	Present	Packaging	Pass
Manufacturer's Name & Address	Present	Packaging	Pass
Product ID	Present	Packaging	Pass

### **Flammability of Toys**

Test Request: As Specified in European Standard on Safety of Toys EN71 Part 2:2020

Section	Description	Result
4	Requirements	
4.1	General Requirements	Р
4.2	Toys to be worn on the head	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 (Sample was not tested if its maximum dimension is 150mm or less.)	N/A

#### Remark:

P - Pass

NA - Not Applicable



Date : 17-Jun-2022 Page : 9 of 18

## **TEST RESULT**

#### **Migration of Certain Elements**

Test Request: Migration of certain elements as specified in European Standard on Safety of Toys EN71

Part 3:2019+A1:2021.

Test Method: General elements, with reference to EN 71 Part 3:2019+A1:2021, analysis was performed

by ICP-MS;

Extractable Chromium (VI), with reference to EN 71 Part 3:2019+A1:2021, analysis was

performed by IC-ICP-MS/IC-UV/Vis;

Extractable organic tin, with reference to EN 71 Part 3:2019+A1:2021, analysis was

performed by GC-MS.

Toot Itom(o)		Result							
Test Item(s):	Unit	1	2	3	4	5	6	7	8
Category Type		Ш	III	III	III	III	III	Ш	III
Extractable Lead (Pb)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Boron (B)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Manganese (Mn)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Zinc (Zn)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Aluminum (Al)	mg/kg	ND	ND	61	445	ND	ND	490	ND
Extractable Nickel (Ni)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Chromium#2	mg/kg	ND	0.027	ND	-	ND	ND	-	ND
Extractable Organic Tin#1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND
Extractable Chromium (III) (Cr III) #3	mg/kg	-	-	-	ND	-	-	ND	-
Extractable Chromium (VI) (Cr VI)	mg/kg	-	-	-	ND	-	-	ND	-



Date : 17-Jun-2022 Page : 10 of 18

## **TEST RESULT**

Toot Home(a):			Result		
Test Item(s):	Unit	9	10	11	
Category Type		III	III	III	
Extractable Lead (Pb)	mg/kg	ND	ND	ND	
Extractable Antimony (Sb)	mg/kg	ND	ND	ND	
Extractable Arsenic (As)	mg/kg	ND	ND	ND	
Extractable Barium (Ba)	mg/kg	ND	ND	ND	
Extractable Cadmium (Cd)	mg/kg	ND	ND	ND	
Extractable Mercury (Hg)	mg/kg	ND	ND	ND	
Extractable Selenium (Se)	mg/kg	ND	ND	ND	
Extractable Boron (B)	mg/kg	ND	ND	ND	
Extractable Cobalt (Co)	mg/kg	ND	ND	ND	
Extractable Manganese (Mn)	mg/kg	ND	ND	ND	
Extractable Strontium (Sr)	mg/kg	ND	ND	ND	
Extractable Zinc (Zn)	mg/kg	ND	ND	193	
Extractable Copper (Cu)	mg/kg	ND	ND	ND	
Extractable Aluminum (AI)	mg/kg	ND	ND	60	
Extractable Nickel (Ni)	mg/kg	ND	ND	ND	
Extractable Tin (Sn)	mg/kg	ND	ND	ND	
Extractable Chromium#2	mg/kg	ND	ND	ND	
Extractable Organic Tin#1	mg/kg	ND	ND	ND	
Extractable Chromium (III) (Cr III) #3	mg/kg	-	-	-	
Extractable Chromium (VI) (Cr VI)	mg/kg	-	-	-	

#### Note:

- #1 The migration of organic tin is expressed as tributyltin.
- #2 If the migration of total Chromium is below the maximum limit for Chromium (VI), it can be inferred that the material complies with the requirements for both Chromium(III) and Chromium(VI).
- #3 In particular Chromium (III) is calculated by subtracting the Chromium (VI) concentration from the total chromium concentration.

#### Remarks:

mg/kg = milligram per kilogram
MDL = Method Detection Limit
ND = Not Detected, less than MDL



Date : 17-Jun-2022 Page : 11 of 18

## **TEST RESULT**

#### Limits -MDL per category type:

Test Item(s):	Unit	Limit	MDL	Limit	MDL	Limit	MDL
Category Type				I	İ	III	
Extractable Lead (Pb)	mg/kg	2.0	1.0	0.5	0.2	23	10
Extractable Antimony (Sb)	mg/kg	45	5	11.3	1	560	10
Extractable Arsenic (As)	mg/kg	3.8	0.2	0.9	0.1	47	5
Extractable Barium (Ba)	mg/kg	1500	50	375	10	18750	50
Extractable Cadmium (Cd)	mg/kg	1.3	0.1	0.3	0.05	17	1
Extractable Mercury (Hg)	mg/kg	7.5	0.5	1.9	0.2	94	10
Extractable Selenium (Se)	mg/kg	37.5	2	9.4	1	460	10
Extractable Boron (B)	mg/kg	1200	50	300	10	15000	50
Extractable Cobalt (Co)	mg/kg	10.5	1	2.6	0.2	130	10
Extractable Manganese (Mn)	mg/kg	1200	50	300	10	15000	50
Extractable Strontium (Sr)	mg/kg	4500	50	1125	50	56000	50
Extractable Zinc (Zn)	mg/kg	3750	50	938	50	46000	50
Extractable Copper (Cu)	mg/kg	622.5	10	156	10	7700	50
Extractable Aluminum (AI)	mg/kg	2250	50	560	50	28130	50
Extractable Nickel (Ni)	mg/kg	75	5	18.8	2	930	10
Extractable Tin (Sn)	mg/kg	15000	50	3750	50	180000	50
Extractable Organic Tin	mg/kg	0.9	0.2	0.2	0.2	12	0.2
Extractable Chromium	mg/kg	-	0.02	-	0.005	-	0.02
Extractable Chromium (III) (Cr III)	mg/kg	37.5	2	9.4	1	460	10
Extractable Chromium (VI) (Cr VI)	mg/kg	0.02	0.02	0.005	0.005	0.053	0.02

Category I: dry, brittle, powder-like or pliable toy material

Category II: liquid or sticky toy material Category III: scrapped-off toy material

"-" = Not Regulated

The migration limits for Aluminium have been amended by Commission Directive (EU) 2019/1922. The new limit values (2250 mg/kg, 560 mg/kg and 28130 mg/kg, respectively) apply from 2021-05-20. Before this date the limit values 5625 mg/kg, 1406 mg/kg and 70000 mg/kg, respectively, apply.



Date : 17-Jun-2022 Page : 12 of 18

# **TEST RESULT**

### **Physical and Mechanical Hazards**

Test Request: As specified in Consumer Safety Specification ASTM F963-17

Section	Description	Result
4.1	Material Quality	Р
4.3.7	Stuffing Materials	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	N/A
4.6.1	Toys that are intended for children under 36 months of age	N/A
4.6.2	Mouth-Actuated Toys	N/A
4.6.3	Toys that are intended for children over 36 months but less than 72 months	N/A
4.7	Accessible Edges	N/A
4.8	Projections	N/A
4.8.1	Bath Toy Projections	N/A
4.9	Accessible Points	N/A
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Plastic Film	Р
4.13	Folding Mechanisms and Hinges	N/A
4.14	Cords, Straps and Elastics	N/A
4.15	Stability and Over-Load Requirements	N/A
4.16	Confined Spaces	N/A
4.17	Wheels, Tires, and Axles	N/A
4.18	Holes, Clearances, and Accessibility of Mechanisms	N/A
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys and section 4.25.11 Toys contain secondary cells or secondary batteries)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Nearly Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
4.40	Expanding material	N/A
4.41	Toy Chests	N/A
5	Labeling Requirements	



Date : 17-Jun-2022 Page : 13 of 18

# **TEST RESULT**

Section	Description	Result
5.2	Age Grading Labeling	Р
5.3	Safety Labeling Requirements	N/A
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled by an Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16 CFR 1500.86 for Required Labeling)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.15.1	Battery-Powered Ride-On Toys	N/A
5.15.2	Button or Coin Cell Batteries	N/A
5.16	Promotional Materials	Р
5.17	Magnets	N/A
6	Instructional Literature	
6.1	Definition and Description	N/A
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled by an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
6.8	Toy Chests	N/A
7	Producer's Markings	
7.1	Producer's or Distributor's Name and Address	Р
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy Chests	N/A

#### Remark:

P - Pass

NA - Not Applicable



Date : 17-Jun-2022 Page : 14 of 18

## **TEST RESULT**

### Flammability of Toys

Test Request: As specified in ASTM F963-17, Section 4.2, testing procedure for materials other than

textiles (excluding paper) used in toys is contained in Annex A5.

Sample	Limit	Result
Α	0.1inch/sec	Р

Remark:

P - Pass



Date : 17-Jun-2022 Page : 15 of 18

## **TEST RESULT**

#### **Heavy Metals**

1) ASTM F963-17- Heavy Elements – Total Lead in Paint and Similar Surface-Coating Material (Clause 4.3.5.1(1))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result			
rested item(s)	Offic	Lilling	MIDL	1	2	3	4
Total Lead in Paint	mg/kg	90	10	ND	ND	ND	ND

2) ASTM F963-17- Heavy Elements – Total Lead in Substrate Material (Clause 4.3.5.2(2) (a)) Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result	
rested item(s)	Offic	Lillit	MIDL	5	6
Total Lead in Substrate	mg/kg	100	10	ND	ND

Tested Item(s)	Unit	Limit	MDL	Result	
rested item(s)	Onit	Lillit	MIDL	10	11
Total Lead in Substrate	mg/kg	100	10	ND	ND

3) ASTM F963-17- Heavy Elements – Total Elements Content, Initial Screening for Soluble Migrated Elements Content in Surface Coatings and Substrates Other Than Modeling Clay(Clause 4.3.5.1(2) and 4.3.5.2(2)(b))

Test Method: ASTM International Standard ASTM F963-17, Section 8.3.1 and Annex A7.

Tested Item(s)	Unit	Limit	MDL	Result				
rested item(s)	Offic	Lilling	IVIDE	1	2	3	4	5
Total Antimony	mg/kg	60	5	ND	ND	ND	ND	ND
Total Arsenic	mg/kg	25	5	ND	ND	ND	ND	ND
Total Barium	mg/kg	1000	10	ND	ND	ND	ND	72
Total Cadmium	mg/kg	75	5	ND	ND	ND	ND	ND
Total Chromium	mg/kg	60	5	ND	ND	ND	ND	ND
Total Lead	mg/kg	90	10	ND	ND	ND	ND	ND
Total Mercury	mg/kg	60	5	ND	ND	ND	ND	ND
Total Selenium	mg/kg	500	10	ND	ND	ND	ND	ND



Date : 17-Jun-2022 Page : 16 of 18

## **TEST RESULT**

Tosted Item(s)	Unit	Limit	MDL	Result		
Tested Item(s)	Ollit	Lillin	IVIDL	6	9	
Total Antimony	mg/kg	60	5	ND	ND	
Total Arsenic	mg/kg	25	5	ND	ND	
Total Barium	mg/kg	1000	10	ND	ND	
Total Cadmium	mg/kg	75	5	ND	ND	
Total Chromium	mg/kg	60	5	ND	ND	
Total Lead	mg/kg	90	10	ND	ND	
Total Mercury	mg/kg	60	5	ND	ND	
Total Selenium	mg/kg	500	10	ND	ND	

Tested Item(s)	Unit	Limit	MDL	Result		
rested item(s)	Offic	Lilling	WIDL	10	11	
Total Antimony	mg/kg	60	5	ND	ND	
Total Arsenic	mg/kg	25	5	ND	ND	
Total Barium	mg/kg	1000	10	ND	ND	
Total Cadmium	mg/kg	75	5	ND	ND	
Total Chromium	mg/kg	60	5	ND	ND	
Total Lead	mg/kg	90	10	ND	ND	
Total Mercury	mg/kg	60	5	ND	ND	
Total Selenium	mg/kg	500	10	ND	ND	

#### Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

According to Section 8.3.1.3, if results of total eight elements are below soluble limits for each element as prescribed in the table, the material can be considered to conform to requirements of 4.3.5.1(2) or 4.3.5.2(2)(b), or both, without further testing.



Date : 17-Jun-2022 Page : 17 of 18

## **TEST RESULT**

#### **Phthalates Content**

Test Request: Phthalates Content as specified in US Consumer Product Safety Improvement Act 2008

(CPSIA), Section 108

Test Method: CPSC-CH-C1001-09.4

Test Item(s)	Item(s) CAS No. Unit Limit MDL		S No. Unit Limit MDL			Res	sult	
(1)					1	2	3	4
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND	ND

Test Item(s)	CAS No.	Unit	Limit	MDL		Result	
(-7					5	6	10+11
Dibutylphthalate (DBP)	84-74-2	%	0.1	0.005	ND	ND	ND
Benzylbutylphthalate (BBP)	85-68-7	%	0.1	0.005	ND	ND	ND
Diethylhexylphthalate (DEHP)	117-81-7	%	0.1	0.005	ND	ND	ND
Di-n-octylphthalate (DNOP)	117-84-0	%	0.1	0.005	ND	ND	ND
Diisononylphthalate (DINP)	28553-12-0	%	0.1	0.005	ND	ND	ND
Diisodecylphthalate (DIDP)	26761-40-0	%	0.1	0.005	ND	ND	ND

#### Remarks:

MDL = method detection limit

ND = Not detected, less than MDL



Date : 17-Jun-2022 Page : 18 of 18

## **TEST RESULT**

#### **Total Lead Content**

Test Request: Total lead content as specified in US 16 CFR 1303

Test Method: CPSC-CH-E1003-09.1

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL		Res	sult	
rest item(s)	Offic	Lillin		1	2	3	4
Total Lead (Pb)	mg/kg	90	10	ND	ND	ND	ND

#### Remark:

mg/kg = milligram per kilogram
MDL = method detection limit
ND = Not detected, less than MDL

#### **Total Lead Content in Substrate**

Test Request: Total lead in substrate as specified in US Consumer Product Safety Improvement Act 2008

(CPSIA), Section 101

Test Method: CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3

The sample was acid digested, and total lead content was determined by ICP-OES.

Test Item(s)	Unit	Limit	MDL	Res	sult
rest item(s)	Onit	Lillin		5	6
Total Lead(Pb)	mg/kg	100	10	ND	ND

Test Item(s)	Unit	Limit	MDL	Result
rest item(s)	Offic	Lillin		10+11
Total Lead(Pb)	mg/kg	100	10	ND

#### Remark:

mg/kg = milligram per kilogram MDL = method detection limit ND = Not detected, less than MDL