

Applicant: HAORUN(JIANGSU) TOYS AND GIFTS CO., LTD

NO.8, RUI'AN ROAD, ECONOMIC DEVELOPMENT

ZONE, SHUYANG COUNTY, SUQIAN CITY,

JIANGSU PROVINCE,CHINA Attn: LILY ZHANG

Sample Description:

Four (4) pieces of submitted sample said to be:

Item Name : Latex balloons.

Item No. : Standard balloon / retro balloons / metallic balloons / pastel balloons / printed

balloons.

Labelled Age Group : 8+.
Packaging Provided By Applicant : Yes.

Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

Conclusion:

Tested sample Standard Result
Submitted Samples EN71-1: 2014+ A1: 2018 for Mechanical And Physical Properties Pass

EN71-2: 2020 Flammability Test Pass

Tested components of submitted samples

EN 71-3:2019+A1:2021 on migration of certain elements

Pass

Pass

Pass

Submitted Samples U.S. ASTM F963-17 -

Physical And Mechanical Tests

18 Apr, 2024

Date:

Excluding Section 4.31 & 5.11

U.S. ASTM F963-17 – Pass

Flammability Test of Materials Other Than Textile Materials

U.S. ASTM F963-23 Physical and Mechanical Tests. Pass

Excluding Section 4.31 & 5.11

U.S. ASTM F963-23 Flammability Test of Materials other than Textile

Materials

To be continued

Authorized By:

For Intertek Testing Services Ltd., Shanghai

Bill Zhang General Manager









Tested sample Tested Components of Submitted Sample	Standard U.S. ASTM F963-17 for total Lead content in non-surface coating materials	Result Pass
	U.S. ASTM F963-23 for total Lead content in non-surface coating materials	Pass
	U.S. ASTM F963-23 for soluble elements content	Pass
	ASTM F963-23 section 4.3.8 on Phthalates content	Pass
*********	U.S. ASTM F963-17 on soluble heavy elements test	Pass

To be continued

Authorized By:

General Manager

For Intertek Testing Services Ltd., Shanghai

Bill Zhang

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Test Report SHAH01665632 Number:

Tests Conducted

Mechanical and Physical Test 1

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

Applicant's Specified Age Group for Testing: For ages 36 months and up

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

<u>Clause</u>	<u>Testing Items</u>	<u>Assessment</u>
4	General Requirements	
4.1	Material cleanliness	Р
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	Edges	Р
4.8	Points and metallic wires	Р
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	Р
4.12	Balloons	Р
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	NA
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
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	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA



Tests Conducted

	ucted	
<u>Clause</u>	Testing Items	<u>Assessment</u>
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	Р
7	Warnings, markings and instructions for use	
7.1	General	Р
7.2	Toys not intended for children under 36 months	NA
7.3	Latex balloons	Р
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	NA
7.11	Toys intended to be strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
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

Remark: P = Pass NA = Not Applicable





Tests Conducted

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

Date sample received: Mar.27, 2024

Testing period: Mar.27, 2024 to Mar.28, 2024

2 Flammability Test

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

Clause	Testing Items	Assessment
4.1	General	Р
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: Mar.27, 2024

Testing period: Mar.27, 2024 to Mar.28, 2024





Tests Conducted

3 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		<u>Result</u>	(mg/kg)		Reporting Limit	<u>Limit</u> (mg/kg)
	(1)	(2)	(3)	(4)	<u>(mg/kg)</u>	<u>(g,g,</u>
Aluminium (AI)	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)	320	472	342	486	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.

ND = Not detected (less than reporting limit)

Tested component(s): See component list in the last section of this report / See W/S





Tests Conducted

(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: Mar.11, 2024

Testing period: Mar.11, 2024 to Mar.14, 2024

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4 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's Specified Age Group for Testing: For ages 36 months and up

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: -**Test** <u>Parameter</u> Impact Test Section 1500.53(b) 4 x 3.0 ft **Torque Test** Section 1500.53(e) 4 in-lbf Tension Test Section 1500.53(f) 15 lbf Section 1500.53(a) 30 lbf Compression Test

Section	<u>lesting Items</u>	<u>Assessment</u>
4.1	Material Quality	Р
4.5	Sound-Producing Toys	NA
4.6.1	Toys Intended for Children under 36 Months (Small Objects)	NA
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	Р
4.8	Projections	NA
4.9	Accessible Points	Р
4.10	Wires Or Rods	NA
4.11	Nails And Fasteners	NA
4.12	Plastic Film	Р
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords, Straps, and Elastics	NA
4.15	Stability and Over-Load Requirements	NA



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Test Report SHAH01665632 Number:

Tests Conducted		
<u>Section</u>	Testing Items	<u>Assessment</u>
4.16	Confined Spaces	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.19	Simulated Protective Devices	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
4.27	Stuffed and Beanbag-Type Toys	NA
4.28	Stroller and Carriage Toys	NA
4.29	Art Materials	NA
4.30	Toy Gun Marking	NA
4.31	Balloons	NC#1
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	Yo Yo Elastic Tether Toys	
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#1
6	Instructional Literature	Р
7	Producer's Markings	
	- Name of Producer/Distributor (Package)	Yes
	- Address (Package)	Yes

Remark: The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass F = Fail NA = Not Applicable

#1 As requested by applicant, sections 4.31 & 5.11 were not assessed.

Date sample received: Mar.28, 2024 & Apr.2, 2024 Testing period: Mar.28, 2024 to Apr.16, 2024





Tests Conducted

5 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification On Toy Safety F963-17.

				Round Up #			
<u>Sample</u>	Ignition Point	Burn Length	<u>Time</u>	Burn Rate	Burn Rate	<u>Limit</u>	
		(inch)	(sec)	(inch/sec)	(inch/sec)	(inch/sec)	
Green balloon	Edge	5	45	0.11	0.10	0.10	

All styles of The submitted toy samples were tested, the above result only showed the most severe burn rate of the samples.

= According to the ASTM F963 flammability requirement, the burn rate shall be round up to the nearest tenth.

Date sample received: Mar.28, 2024

Testing period: Mar.28, 2024 to Mar.29, 2024

6 Physical and Mechanical Tests

Test standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-23.

Applicant's specified age group for testing: For ages 36 months and up

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:

Test	<u>FHSA</u>	<u>Parameter</u>
Impact test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Section	Requirement	Result
4.1	Material Quality (Visual check on cleanliness)	Р
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (Small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for children at least 36 months but less than 72 months (Small part warning)	NA
4.7	Accessible edges	Р
4.8	Projections	NA
4.9	Accessible points	Р





Tests Conducted

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Section		Result
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	Р
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
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
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NC#1
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#1
6	Instructional literature	Р
7	Producer's markings	I
7.1	Name of producer/distributor (Package)	Yes



Tests Conducted

Section	Requirement	Result
	Address(Package)	Yes
7.3	Toy chests	
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Abbreviation:

P = Pass F = Fail NA= Not Applicable NR=Not Requested

Remark:

#1 As requested by applicant, sections 4.31 & 5.11 were not assessed.

Date sample received: Mar.28, 2024 & Apr.2, 2024 Testing period: Mar.28, 2024 to Apr.16, 2024

7 Flammability Test

Test requirement: Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Sample	Ignition Point	Burn Length (inch)	Time (sec)	<u>Actual</u> <u>Burn Rate</u> (inch/sec)	Rounded # Burn Rate (inch/sec)	<u>Limit</u> (inch/sec)
Green balloon	Edge	5	45	0.11	0.10	0.10

The submitted toy samples were tested, the above result only showed the most severe burn rate of the samples.

= According to the ASTM F963-23 Flammability Requirement, the burn rate shall be rounded to the nearest tenth.

Date sample received: Mar.28, 2024

Testing period: Mar.28, 2024 to Mar.29, 2024

8 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-E1002-08.3, was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item		Result	Reproting Limit	<u>Limit</u>		
	(1)	(2)	(3)	(4)	<u>(ppm)</u>	<u>(ppm)</u>
Lead(Pb)	ND	ND	ND	ND	10	100

Remark: ppm = parts per million = mg/kg

ND= Not detected





Tests Conducted

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

Date Sample Received: Mar.11, 2024

Testing Period: Mar.11, 2024 To Mar.14, 2024

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

As per section 4.3.5 of the ASTM standard consumer safety specification on toy safety F963-23, test method CPSC-CH-E1002-08.3, was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item		Result	Reproting Limit	<u>Limit</u>		
	(1)	(2)	(3)	(4)	<u>(ppm)</u>	<u>(ppm)</u>
Lead(Pb)	ND	ND	ND	ND	10	100

Remark: ppm = parts per million = mg/kg

ND= Not detected

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

Date Sample Received: Mar.11, 2024

Testing Period: Mar.11, 2024 To Mar.14, 2024

10 Soluble Elements Analysis (ASTM F963-23)

As per section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM standard consumer safety specification on toy safety F963-23, acid extraction method was used and heavy metal elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Took Itom		Result	Reporting Limit	Limit		
Test Item	(1)	(2)	(3)	(4)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	ND	ND	ND	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	2.5	25

Remark: mg/kg = milligram per kilogram =ppm

Sol. = Soluble ND= Not detected





Tests Conducted

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

Date Sample Received: Mar.11, 2024

Testing Period: Mar.11, 2024 To Mar.14, 2024

11 Phthalates Content (ASTM F963-23)

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

Test item	Result (%)				Detection Limit	Limit (%)
Tool Rom	(1)	(2)	(3)	(4)	<u>(%)</u>	<u>(Max.)</u>
Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	ND	ND	ND	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.01	0.1
Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.01	0.1
Diisobutyl phthalate (DIBP)	ND	ND	ND	ND	0.01	0.1
Di-n-pentyl phthalate (DPENP)	ND	ND	ND	ND	0.01	0.1
Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.01	0.1
Dicyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.01	0.1

Remark: ND = Not Detected(Less than detection limit)

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

Date Sample Received: Mar.11, 2024

Testing Period: Mar.11, 2024 To Mar.14, 2024

12 Soluble Heavy Metal Elements Analysis

As per section 4.3.5.1(2) and 8.3.2 / 4.3.5.2(2)(b) and 8.3.5 of the ASTM standard consumer safety specification on toy safety F963-17, acid extraction method was used and heavy metal elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item		Result	Reporting Limit	<u>Limit</u>		
Test item	(1)	(2)	(3)	(4)	<u>(mg/kg)</u>	(mg/kg)
Sol. Barium (Ba)	<5	<5	<5	<5	5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	5	90
Sol. Cadmium (Cd)	< 5	< 5	<5	<5	5	75
Sol. Antimony (Sb)	< 5	< 5	<5	<5	5	60
Sol. Selenium (Se)	<5	<5	<5	<5	5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	5	60
Sol. Mercury (Hg)	< 5	< 5	<5	<5	5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	2.5	25





Tests Conducted

Remark: Sol. = Soluble

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

Date Sample Received: Mar.11, 2024

Testing Period: Mar.11, 2024 To Mar.14, 2024





Tests Conducted



To be continued



Tel: +86 21 53396000



Tests Conducted

Component list:

- (1) White latex. (balloon)
- (2) Fuchsia latex. (balloon)
- (3) Deep golden latex. (balloon)
- (4) Light green latex. (balloon)

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.

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 Shanghai Ltd.

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