



TEST REPORT



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国际互认
检测
TESTING
CNAS L8083

REPORT No.:DTI2026TY010114-2R

Date:2026-02-03

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Applicant Company Name: Ming Shing Plastic & Metal Fty Ltd

Applicant Company Address: Room 313-315, Hong Man Ind Centre, No.2 Hong Man Street, Chai Wan, Hong Kong

Report on the submitted samples said to be:

Sample Name : Fart Whistle, Floating Eye Ball, Dirty Hand Soap, Nail Through Fingers, Surprise Bag, Pimples & Warts, Creepy Finger, Fake Egg, Fake Egg with Cockroach, Fake Egg with Fly, Pencil Throguh Finger, Bunny Teeth, Plastic Squirt Lighter, Creepy Finger with Bandage, The Sixth Little Finger, Drink Spill, Cookie Surprise, Painless Piercings, Stretchy Tongue, Slime Pot with Horror Spiders, Trick Black Eye, Kaleidoscope with Black Eye Trick, Snake Inside The Can, 4 In 1 Gum Series (Squirt Gum,Snappy Chewing Gum,Snappy Gum with Insect,Snappy Chewing Gum with Jumping Spider),Correction Fluid, Squirt Calculator, Axe Through Head, Spilled Ice Cream, Ice Cream Punch

Sample No. : 131A, 144A, 152AS, 159AR, 165A, 167A, 191A, 201A, 201AC, 201AF, 220A,222A, 223A, 225A, 232A, 242A, 256A, 262A, 298A, 338A, 8621A, 8621K, 8698, 8699/4 (157A,8699/1,8699C,8699K), 8734A, 8745A, 8765, 8779A, 8793H, 8793HP

Tested Age Grade : Over 3 years

Labeled Age Grading : 3+

Appropriate Age Grading for Testing : Over 3 years

Age Group Assessed As per Age Guideline : Over 3 years

Sample Receiving Date : January 14, 2026;January 26, 2026

Testing Period : From January 14, 2026 to January 21, 2026;
From January 26, 2026 to February 03, 2026

Results : Please refer to next page(s).

Shenzhen Deesev Testing International Corp.

Approved by: 
Tommy Jiang / Lab Manager

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Summary of Test Results:

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A EU Directive 2009/48/EC and its amended directives on the safety of toys

1. EN 71-1:2014+A1:2018 - Mechanical and Physical Properties

2.2009/48/EC General Labeling Requirement

3. EN 71-2:2020 +A1:2025 - Flammability

4. EN 71-3:2019+A2:2024 - Migration of Certain Elements

B As specified by client, to determine the Cadmium(Cd) content in the submitted sample in accordance with REACH Regulation (EC) No 1907/2006 Annex XVII entry 23, and its amended regulation.

C As specified by client, to determine the Phthalates content in the submitted sample in accordance with REACH Regulation (EC) No 1907/2006 Annex XVII entry 51 and 52 and its amended regulation.

D As specified by client, to determine the Polycyclic aromatic hydrocarbons(PAHs) content in the submitted sample in accordance with REACH Regulation (EC) No 1907/2006 Annex XVII entry 50 and its amended regulations.

Pass

Pass

Pass

Pass

Pass

Pass

Pass

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Description for specimen:

- | | | | |
|----|---|----|---|
| 1 | Prank toy - Entirety(All samples) | 16 | White soft plastic cable sheath - Sound maker |
| 2 | Green coating - Vomit | 17 | Deep green plastic - Sound maker |
| 3 | Pink coating - Vomit | 18 | Silver metal - Sound maker |
| 4 | Dark brown soft plastic - Dog poop | 19 | Magnet - Sound maker |
| 5 | Red soft plastic - Whistle, Projection ring | 20 | Battery - Sound maker |
| 6 | Yellow plastic - Whistle, Sound maker, Snake, Camera | 21 | Yellow plastic button - Camera |
| 7 | Black plastic - Bow, Pen, Sound maker, Headband, Slot machine | 22 | Black plastic button - Camera, Calculator |
| 8 | Tan plastic - Projection ring | 23 | Blue plastic button - Camera |
| 9 | Black soft plastic - Spider, Lighter | 24 | Red coating - Calculator, Axe, Match |
| 10 | Brown-red soft plastic - Cockroach | 25 | Green sticker |
| 11 | White coating - Pen, Calculator | 26 | Light brown plastic - Coffee bean |
| 12 | Blue plastic - Pen | 27 | Light yellow soft plastic - Bread |
| 13 | Green plastic - Sound maker | 28 | Light khaki soft coating - Bread |
| 14 | Red plastic - Sound maker, Slot machine | 29 | Green soft plastic - Spray bottle |
| 15 | PCB - Sound maker | 30 | Dark green plastic - Spray bottle |

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Results:

A.1. EN71-1:2014+A1:2018 Mechanical and physical properties

Section	Description	Result
		1
4 General Requirements		
4.1	Material	Pass
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	Pass
4.8	Points and metallic wires	Pass
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	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	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	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	Toys Disguise Costumes	NA
4.27	Flying toys	NA

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Section	Description	Result
		1
5 Toys intended for children under 36 months		
5.1	General requirements	NA
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	NA
5.1b	Torque test (Test method 8.3)	NA
	Tension test (Test method 8.4)	NA
	Drop test (Test method 8.5)	NA
	Tip over test (Test method 8.6)	NA
	Impact test (Test method 8.7)	NA
	Compression test (Test method 8.8)	NA
	Sharp edge (Test method 8.11)	NA
	Sharp point (Test method 8.12)	NA
	Flexure Test(Test method 8.13)	NA
	Tension test for magnet (Test method 8.34)	NA
5.1c	Potential hazardous metal points and wires with a cross section of 2mm or less	NA
5.1d	Large and bulky toys	NA
5.1e	Glued wooden toys and toys with glued on plastic decals	NA
5.1f	The casing of toys intended for children too young to sit up unaided	NA
5.1g	Foam toys and toys containing accessible foam components	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
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

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Section	Description	Result
		1
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
6 Packaging		Pass
7 Warnings, markings and instructions for use		
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
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	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inline skates, 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 teethingers	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

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Section	Description	Result
		1
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

A.2.2009/48/EC General Labeling Requirement

1	CE Mark	Pass
2	Manufacturer name and address	Pass
3	Importer name and address	Pass#
4	Product Identification	Pass

-- NA = Not Applicable

-- NE = Not Evaluated

#= This data is the corrected retest data.

A.3. EN 71-2:2020+A1:2025-Flammability

Section	Description	Result
		1
4	Requirements	
4.1	General	Pass
4.2	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 (animals and dolls etc.) with a piled or textile surface	NA

NA = Not Applicable

Note: In accordance with the EN71-2, the burning rate should not be greater than 30mm per second.

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A.4.EN 71-3:2019+A2:2024 – Migration of Certain Elements Tests

Test method: Preparation of the sample and migration procedure with reference to EN 71-3:2019+A2:2024, metal elements analysis is performed by Inductively Coupled Argon Plasma Spectrometer (ICP-OES)/ Inductively Coupled Plasma Mass Spectrometer (ICP-MS) , organic tins analysis is performed by Gas Chromatography- (GC/MS) Mass Spectrometer and Cr (III) and Cr(VI) analysis is performed by Ion Chromatograph-Inductively Coupled Plasma Mass Spectrometer (IC-ICP-MS)

Test item(s)	Unit	Results					MDL	Permissible Limit
		2*	3*	4*	5*	6*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	ND	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	ND	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/	/

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Test item(s)	Unit	Results					MDL	Permissible Limit
		7*	8*	9*	10*	11*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	ND	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	ND	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/	/

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Test item(s)	Unit	Results					MDL	Permissible Limit
		12*	13*	14*	15*	16*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	ND	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	ND	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/	/

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Test item(s)	Unit	Results					MDL	Permissible Limit
		17*	18*	19*	20*	21*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	112	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	23	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	271	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/	/

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Test item(s)	Unit	Results					MDL	Permissible Limit
		22*	23*	24*	25*	26*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	ND	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	ND	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/	/

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Test item(s)	Unit	Results				MDL	Permissible Limit
		27*	28*	29*	30*		
Soluble Aluminium (Al)	mg/kg	ND	ND	ND	ND	50	See the next remarks
Soluble Antimony (Sb)	mg/kg	ND	ND	ND	ND	2.0	
Soluble Arsenic (As)	mg/kg	ND	ND	ND	ND	0.5	
Soluble Barium (Ba)	mg/kg	ND	ND	ND	ND	50	
Soluble Boron (B)	mg/kg	ND	ND	ND	ND	50	
Soluble Cadmium (Cd)	mg/kg	ND	ND	ND	ND	0.3	
Soluble Chromium(Cr)	mg/kg	ND	ND	ND	ND	0.5	
Soluble Chromium(III)(CrIII)^	mg/kg	ND	ND	ND	ND	/	
Soluble Chromium(VI)(CrVI)	mg/kg	ND	ND	ND	ND	0.00075	
Soluble Cobalt (Co)	mg/kg	ND	ND	ND	ND	2.5	
Soluble Copper (Cu)	mg/kg	ND	ND	ND	ND	50	
Soluble Lead(Pb)	mg/kg	ND	ND	ND	ND	0.25	
Soluble Manganese (Mn)	mg/kg	ND	ND	ND	ND	50	
Soluble Mercury (Hg)	mg/kg	ND	ND	ND	ND	1.0	
Soluble Nickel (Ni)	mg/kg	ND	ND	ND	ND	10	
Soluble Selenium (Se)	mg/kg	ND	ND	ND	ND	5	
Soluble Strontium (Sr)	mg/kg	ND	ND	ND	ND	50	
Soluble Tin (Sn)	mg/kg	ND	ND	ND	ND	0.15	
Soluble Organic Tin	mg/kg	ND	ND	ND	ND	0.1	
Soluble Zinc (Zn)	mg/kg	ND	ND	ND	ND	50	
Conclusion	/	Pass	Pass	Pass	Pass	/	/

Note:

- ND= Not Detected
- MDL = Method Detection Limit
- * = This test portion material is Category III
- ^= Chromium (III)= migration value of total Chromium - migration value of Chromium(VI).
- mg/kg = ppm
- The result of Soluble Organic Tin is determined based on the result of Soluble Tin.

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Remark I:

The standard contains requirements for the migration of certain elements from the following categories of toy:

- Category I :Dry, brittle, powder like or pliable materials;
- Category II :Liquid or sticky materials;
- Category III : Scraped-off materials or textile or wood materials or paper products;

Remark II:

Migration limits from toy materials:

Element	Category I mg/kg	Category II mg/kg	Category III mg/kg
Soluble Aluminium (Al)	2250	560	28130
Soluble Antimony (Sb)	45	11.3	560
Soluble Arsenic (As)	3.8	0.9	47
Soluble Barium (Ba)	1500	375	18750
Soluble Boron (B)	1200	300	15000
Soluble Cadmium (Cd)	1.3	0.3	17
Soluble Chromium(III)(CrIII)	37.5	9.4	460
Soluble Chromium(VI)(CrVI)	0.02	0.005	0.053
Soluble Cobalt (Co)	10.5	2.6	130
Soluble Copper (Cu)	622.5	156	7700
Soluble Lead(Pb)	2.0	0.5	23
Soluble Manganese (Mn)	1200	300	15000
Soluble Mercury (Hg)	7.5	1.9	94
Soluble Nickel (Ni)	75	18.8	930
Soluble Selenium (Se)	37.5	9.4	460
Soluble Strontium (Sr)	4500	1125	56000
Soluble Tin (Sn)	15000	3750.	180000
Soluble Organic Tin	0.9	0.2	12
Soluble Zinc (Zn)	3750	938	46000

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B. Cadmium(Cd) content- REACH Regulation (EC) No 1907/2006 Annex XVII

Test method:

With reference to IEC 62321-5:2013,analysis was performed by inductively coupled plasma optical emission spectrometer (ICP-OES)

Items	Unit	MDL	Results			Limit
			4+5+6	7+8+9	10+12+13	
Cadmium(Cd)	%	0.001	ND	ND	ND	0.01
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Limit
			14+16+17	21+22+23	26+27	
Cadmium(Cd)	%	0.001	ND	ND	ND	0.01
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Limit
			29+30	18+19	15	
Cadmium(Cd)	%	0.001	ND	ND	ND	0.01
Conclusion	/	/	Pass	Pass	Pass	/

Items	Unit	MDL	Results			Limit
			20	25	2+3+11	
Cadmium(Cd)	%	0.001	ND	ND	ND	0.01
Conclusion	/	/	Pass	Pass	Pass	/

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Items	Unit	MDL	Results	Limit
			24+28	
Cadmium(Cd)	%	0.001	ND	0.01
Conclusion	/	/	Pass	/

Note:

- MDL = Method Detection Limit
- 0.1%=1000mg/kg
- ND= Not Detected

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C. Phthalates content- REACH Regulation (EC) No 1907/2006 Annex XVII

Test method:

With reference to EN 14372:2004(E)& ISO 8124-6:2023, by solvent extraction and analysis was performed by gas chromatographic- mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Limit
			4+5+6	7+8+9	10+12+13	
Dibutyl phthalate(DBP) CAS# : 84-74-2	%	0.003	ND	ND	ND	/
Benzylbutyl phthalate(BBP) CAS# : 85-68-7	%	0.003	ND	ND	ND	/
Di-2-ethylhexyl phthalate(DEHP) CAS# : 117-81-7	%	0.003	ND	ND	ND	/
Di-iso-butyl phthalate (DIBP) CAS# : 84-69-5	%	0.003	ND	ND	ND	/
Dibutyl phthalate(DBP)+ Benzylbutyl phthalate(BBP)+ Di-2-ethylhexyl phthalate(DEHP)+ Di-iso-butyl phthalate (DIBP)	%	/	ND	ND	ND	0.1
Di-n-octyl phthalate(DNOP) CAS# : 117-84-0	%	0.003	ND	ND	ND	/
Diisononyl phthalate(DINP) CAS# : 28553-12-0, 68515-48-0	%	0.01	ND	ND	ND	/
Diisodecyl phthalate(DIDP) CAS# : 26761-40-0, 68515-49-1	%	0.01	ND	ND	ND	/
Di-n-octyl phthalate(DNOP)+ Diisononyl phthalate(DINP)+ Diisodecyl phthalate(DIDP)	%	/	ND	ND	ND	0.1
Conclusion	/	/	Pass	Pass	Pass	/

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Item	Unit	MDL	Results			Limit
			14+16+17	21+22+23	26+27	
Dibutyl phthalate(DBP) CAS# : 84-74-2	%	0.003	ND	ND	ND	/
Benzylbutyl phthalate(BBP) CAS# : 85-68-7	%	0.003	ND	ND	ND	/
Di-2-ethylhexyl phthalate(DEHP) CAS# : 117-81-7	%	0.003	ND	ND	ND	/
Di-iso-butyl phthalate (DIBP) CAS# : 84-69-5	%	0.003	ND	ND	ND	/
Dibutyl phthalate(DBP)+ Benzylbutyl phthalate(BBP)+ Di-2-ethylhexyl phthalate(DEHP)+ Di-iso-butyl phthalate (DIBP)	%	/	ND	ND	ND	0.1
Di-n-octyl phthalate(DNOP) CAS# : 117-84-0	%	0.003	ND	ND	ND	/
Diisononyl phthalate(DINP) CAS# : 28553-12-0, 68515-48-0	%	0.01	ND	ND	ND	/
Diisodecyl phthalate(DIDP) CAS# : 26761-40-0, 68515-49-1	%	0.01	ND	ND	ND	/
Di-n-octyl phthalate(DNOP)+ Diisononyl phthalate(DINP)+ Diisodecyl phthalate(DIDP)	%	/	ND	ND	ND	0.1
Conclusion	/	/	Pass	Pass	Pass	/

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Item	Unit	MDL	Results			Limit
			29+30	15	20	
Dibutyl phthalate(DBP) CAS# : 84-74-2	%	0.003	ND	ND	ND	/
Benzylbutyl phthalate(BBP) CAS# : 85-68-7	%	0.003	ND	ND	ND	/
Di-2-ethylhexyl phthalate(DEHP) CAS# : 117-81-7	%	0.003	ND	ND	ND	/
Di-iso-butyl phthalate (DIBP) CAS# : 84-69-5	%	0.003	ND	ND	ND	/
Dibutyl phthalate(DBP)+ Benzylbutyl phthalate(BBP)+ Di-2-ethylhexyl phthalate(DEHP)+ Di-iso-butyl phthalate (DIBP)	%	/	ND	ND	ND	0.1
Di-n-octyl phthalate(DNOP) CAS# : 117-84-0	%	0.003	ND	ND	ND	/
Diisononyl phthalate(DINP) CAS# : 28553-12-0, 68515-48-0	%	0.01	ND	ND	ND	/
Diisodecyl phthalate(DIDP) CAS# : 26761-40-0, 68515-49-1	%	0.01	ND	ND	ND	/
Di-n-octyl phthalate(DNOP)+ Diisononyl phthalate(DINP)+ Diisodecyl phthalate(DIDP)	%	/	ND	ND	ND	0.1
Conclusion	/	/	Pass	Pass	Pass	/

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Item	Unit	MDL	Results			Limit
			25	2+3+11	24+28	
Dibutyl phthalate(DBP) CAS# : 84-74-2	%	0.003	ND	ND	ND	/
Benzylbutyl phthalate(BBP) CAS# : 85-68-7	%	0.003	ND	ND	ND	/
Di-2-ethylhexyl phthalate(DEHP) CAS# : 117-81-7	%	0.003	ND	ND	ND	/
Di-iso-butyl phthalate (DIBP) CAS# : 84-69-5	%	0.003	ND	ND	ND	/
Dibutyl phthalate(DBP)+ Benzylbutyl phthalate(BBP)+ Di-2-ethylhexyl phthalate(DEHP)+ Di-iso-butyl phthalate (DIBP)	%	/	ND	ND	ND	0.1
Di-n-octyl phthalate(DNOP) CAS# : 117-84-0	%	0.003	ND	ND	ND	/
Diisononyl phthalate(DINP) CAS# : 28553-12-0, 68515-48-0	%	0.01	ND	ND	ND	/
Diisodecyl phthalate(DIDP) CAS# : 26761-40-0, 68515-49-1	%	0.01	ND	ND	ND	/
Di-n-octyl phthalate(DNOP)+ Diisononyl phthalate(DINP)+ Diisodecyl phthalate(DIDP)	%	/	ND	ND	ND	0.1
Conclusion	/	/	Pass	Pass	Pass	/

Note:

- MDL = Method Detection Limit
- 0.1%=1000mg/kg
- ND= Not Detected

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D. Polycyclic aromatic hydrocarbons(PAHs) content - REACH Regulation (EC) No 1907/2006 Annex XVII

Test method: With reference to Annex: Test Instruction of AfPS GS 2019:01 PAK, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				4+5+6	7+8+9	10+12+13	
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	ND	ND	ND	0.5
Chrysene (CHR)	218-01-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[b]fluoranthene (BbF)	205-99-2	mg/kg	0.2	ND	ND	ND	0.5
Benzo[j]fluoranthene (BjF)	205-82-3	mg/kg	0.2	ND	ND	ND	0.5
Benzo[k]fluoranthene (BkF)	207-08-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	ND	ND	ND	0.5
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.2	ND	ND	ND	0.5
Dibenzo[a,h]anthracene (DBA)	53-70-3	mg/kg	0.2	ND	ND	ND	0.5
Conclusion	/	/	/	Pass	Pass	Pass	/

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Item	CAS No.	Unit	MDL	Results			Limit
				14+21+22	23+26+27	29+30	
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	ND	ND	ND	0.5
Chrysene (CHR)	218-01-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[b]fluoranthene (BbF)	205-99-2	mg/kg	0.2	ND	ND	ND	0.5
Benzo[j]fluoranthene (BjF)	205-82-3	mg/kg	0.2	ND	ND	ND	0.5
Benzo[k]fluoranthene (BkF)	207-08-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	ND	ND	ND	0.5
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.2	ND	ND	ND	0.5
Dibenzo[a,h]anthracene (DBA)	53-70-3	mg/kg	0.2	ND	ND	ND	0.5
Conclusion	/	/	/	Pass	Pass	Pass	/

Item	CAS No.	Unit	MDL	Results			Limit
				25	2+3+11	24+28	
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	ND	ND	ND	0.5
Chrysene (CHR)	218-01-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[b]fluoranthene (BbF)	205-99-2	mg/kg	0.2	ND	ND	ND	0.5
Benzo[j]fluoranthene (BjF)	205-82-3	mg/kg	0.2	ND	ND	ND	0.5
Benzo[k]fluoranthene (BkF)	207-08-9	mg/kg	0.2	ND	ND	ND	0.5
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	ND	ND	ND	0.5
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.2	ND	ND	ND	0.5
Dibenzo[a,h]anthracene (DBA)	53-70-3	mg/kg	0.2	ND	ND	ND	0.5
Conclusion	/	/	/	Pass	Pass	Pass	/

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TEST REPORT



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TESTING
CNAS L8083

REPORT No.:DTI2026TY010114-2R

Date:2026-02-03

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Note:

- MDL = Method Detection Limit
- 0.1%=1000mg/kg
- ND= Not Detected
- Decision rule: According to DTI-CX-39 《Decision rule for conformity of the test results》.
- Flow chart is included.
- Photo appendix is included.

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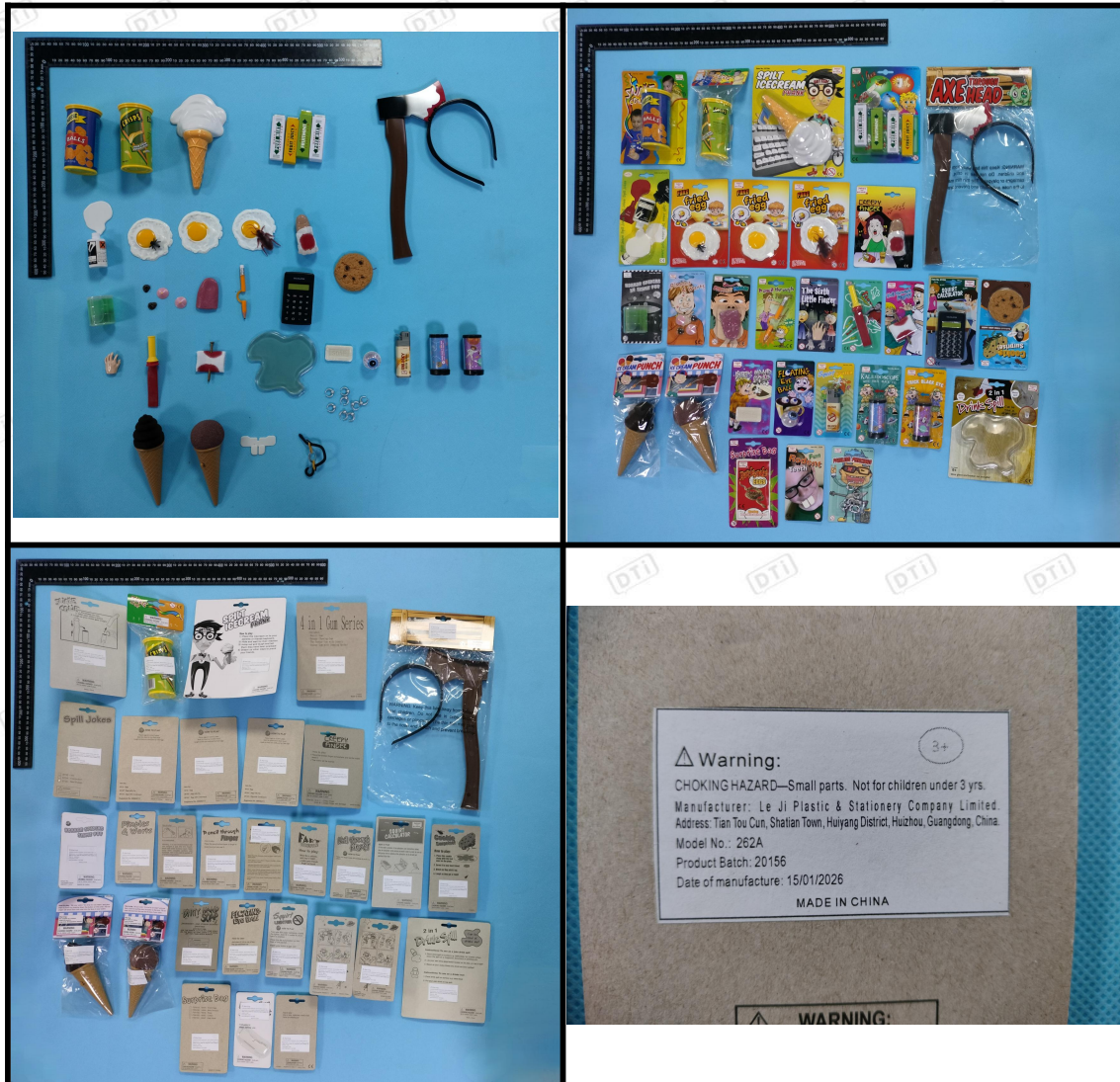
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Appendix

Photograph of Sample



*** End of Report ***

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