



Test Report

Report No. : UNIB24092435GR-02

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Applicant : Allthink Trading (Dongguan) Co., Ltd

Address : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town, Dongguan City, Guangdong Province, China

Name of sample : Baby toys

Receiving Date : Sep. 25, 2024

Test Date : Sep. 25, 2024-Oct. 09, 2024

Test Address : No.47-3, Industrial Road, Zhushan, Dalong Street, Panyu District, Guangzhou, Guangdong, China

Test Method(s) : Please refer to "Test Results"

Testing Item(s) : Please refer to next page(s)

Decision Basis : Please refer to next page(s)

Conclusion : Pass

Signed for and on behalf of
Shenzhen United Testing Technology Co., Ltd

Lai Minhong

Lai Minhong
Edited by

Cheng Min Cai Weien

Cheng Min Cai Weien
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Mo Yueqiu Lu Aiqun

Mo Yueqiu Lu Aiqun
Approved by

Oct. 17, 2024

Issue Date



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1、Testing requirement

No.	Testing requirement	Conclusion
1	CPSIA SECT. 101(a) -Total lead Content in Substrate	Pass
2	USA 16 CFR 1303 -Total lead Content in Surface coating	N/A
3	USA 16 CFR 1307-Phthalates Content	Pass
4	USA 16 CFR 1500.44 Flammability	Pass
5	USA 16 CFR 1500.48-Sharp point	Pass
6	USA 16 CFR 1500.49-Sharp edge	Pass
7	USA 16 CFR 1501-Small parts	Pass
8	USA 16 CFR 1510- Rattles Testing	Pass
9	CPSIA SECT. 103-Tracking label assessment	Pass
10	ASTM F963-23 Mechanical and physical properties	Pass
11	ASTM F963-23 Battery-Operated safety Properties	N/A
12	ASTM F963-23 Flammability	Pass
13	ASTM F963-23 Total lead Content	Pass
14	ASTM F963-23 Heavy elements	Pass

Note:

1.N/A = Not Applicable.



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2、Sample information(s)

The following information of sample(s) was/were submitted and identified by applicant:

Product Model : W000, W039, W038, W033, W032, W030, W031, W037, W042,
W040, W041, W034, W036, W035

Lot No. : 20230100558

Sample Quantity : 13pcs

Manufacturer : Allthink Trading (Dongguan) Co., Ltd

Manufacturer Address : Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town,
Dongguan City, Guangdong Province, China

Age Grading : Over 0 years old

3、CPSIA

3.1 Test Part Description

No.	Description	Material
M001	Green rubber	Rubber
M002	Yellow rubber	Rubber
M003	Pink rubber	Rubber
M004	Blue rubber	Rubber
M005	White rubber	Rubber
M006	Brown rubber	Rubber
M007	Light blue rubber	Rubber
M008	Light pink rubber	Rubber
M009	Light green rubber	Rubber

Notes:

1.This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

2.The test articles (parts/material) is specified by the applicant.

3.2 Test Results

3.2.1 Total lead Content in Substrate Test- CPSIA SECT. 101(a)

3.2.1.1 M001

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.2 M002

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.3 M003

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.4 M004

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.5 M005

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass



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3.2.1.6 M006

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.7 M007

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.8 M008

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.1.9 M009

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

3.2.2 Phthalates Content Test-USA 16 CFR 1307

3.2.2.1 M001

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.2.2.2 M002

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass



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3.2.2.3 M003

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.2.2.4 M004

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.2.2.5 M005

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass



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3.2.2.6 M006

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.2.2.7 M007

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.2.2.8 M008

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass



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3.2.2.9 M009

Test item	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
DBP	84-74-2	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
BBP	85-68-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DEHP	117-81-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DCHP	84-61-7	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DHEXP	84-75-3	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DIBP	84-69-5	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DPENP	131-18-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass
DINP	28553-12-0 68515-48-0	CPSC-CH-C1001-09.4:2018	50	ND	1000	mg/kg	Pass

3.3 Mechanical and physical properties

Age Group Assessed As Per Age Guideline: Over 0 years old

Age Group Applied in Testing: Over 0 years old

Labeled Age Group: 0-3 years old

CPSC Code of Federal Regulations		
1500.44	Flammability of solid	Pass
1500.48	Sharp point in toys and other articles intended for use by children under 8 years of age	Pass
1500.49	Sharp metal or glass edge in toys and other articles intended for use by children under 8 years of age	Pass
1501	Toys and other articles intended for use by children under 3 years of age which present choking, aspiration, or ingestion hazards because of small parts	Pass
1510	Rattles intended for use by infant which may cause choking and/or suffocation because of their design or construction permits them to enter into an infant's mouth and become lodged in the throat	Pass

Remark: N/A = Not Applicable

3.4 Tracking Label Assessment

As per Consumer Product Safety Improvement Act(CPSIA) 2008 section 103 tracking label for children products

Labeling Content	Observation Result	Location	Conclusion
Name of Manufacturer/Import Private Labeler in the tracking label	Allthink Trading (Dongguan) Co., Ltd	Packaging	Pass
Location of production	Room 302, Building 1, No. 9, Shadunzhuyuan Road, Chashan Town,Dongguan City, Guangdong Province, China	Packaging	Pass
Date of production	2023.12.01	Packaging	Pass
Cohort information (including the batch, run number, or other identifying characteristic)	20230100558	Packaging	Pass

4、ASTM F963

4.1 Toy Physics Test Data

4.1.1 Mechanical and physical properties

As per ASTM Standard on Safety of toys F963-23

Age Group Assessed As Per Age Guideline: Over 0 years old

Age Group Applied in Testing: Over 0 years old

Labeled Age Group: 0-3 years old

The submitted samples were undergone the following abuse tests:

Test	Clause	Parameter
Drop test	8.7.1	10 times x 4.5ft
Torque test	8.8	(4±0.2) in.·lbf
Tension test	8.9	(15±0.5) lbf

Clause	Testing Items	Assessment
4.0	General requirements	
4.1	Material Quality	Pass
4.2	Flammability	
	A 5. Flammability testing for solids and soft toys	Pass
	A 6. Flammability testing for Fabrics	N/A
4.3.7	Stuffing Materials	N/A
4.6	Small Objects	Pass
4.7	Accessible Edges	Pass
4.8	Projections	N/A
4.9	Accessible Points	Pass
4.10	Wires or Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Packaging Film	Pass
4.13	Folding Mechanism 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, Clearance and Accessibility of Mechanisms	N/A



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Clause	Testing Items	Assessment
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	Pass
4.21	Projectiles Toys	N/A
4.22	Teethers and Teething Toys	Pass
4.23	Rattles	Pass
4.24	Squeeze Toys	N/A
4.25	Battery Operated Toys	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
4.29	Art materials	N/A
4.30	Toy Gun Markings	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 Materials	N/A
4.41	Toy Chests	N/A
5.0	Safety Labeling Requirements	
5.1	Federal Government Requirements	Pass
5.2	Age Grading Labeling	Pass
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



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Clause	Testing Items	Assessment
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	N/A
5.12	Art Materials	N/A
5.13	Electric Toys	N/A
5.14	Battery-Operated Toys	N/A
5.15	Promotional Materials	Pass
5.16	Magnets	N/A
6.0	Instructional Literature	
6.1	Definition and Description	Pass
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	Toys Chests	N/A
6.9	The instructional material of tool	N/A
7.0	Producer's Markings	
7.1	Name of producer/distributor (Toy/Package)	Yes
	Address (Toy/Package)	Yes
7.2	Battery – Powered Ride – on Toys	N/A
7.3	Toy Chests	N/A
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.7.1	Drop Test	Pass
8.7.2	Tipover Test for Large, Bulky Toys	N/A
8.7.3	Tumble Test for Wheeled Toys	N/A
8.7.4	Impact Test for Toys that Cover the Face	N/A
8.8	Torque Tests for Removal of Components	Pass

Clause	Testing Items	Assessment
8.9	Tension Test for Removal of Components	Pass
8.10	Compression Test	N/A
8.11	Test for Tire Removal and snap-in wheel and axle assembly removal	N/A
8.12	Flexure Test	N/A
8.13	Test for Mouth-Actuated Toys and Mouth-Actuated Projectile Toys	N/A
8.14	Projectiles	N/A
8.15	Test for Stability of Ride-on Toys or Toy Seats	N/A
8.16	Tension Test for Pompoms	N/A
8.17	Stalled Motor Test for Battery-operated Toys	N/A
8.18	Tests for Battery-Powered Ride-on Toys	N/A
8.19	Tests for Toys that Contain Secondary Cells or Batteries	N/A
8.21	Dynamic Strength Test for Wheeled Ride-on Toys	N/A
8.22	Plastic Film Thickness	Pass
8.23	Test for Loops and Cords	N/A
8.24	Yoyo Elastic Tether Toy Test Methods	N/A
8.25	Magnet Test Methods	N/A
8.26	Test Methods for Locking Mechanisms or Other Means	N/A
8.27	Test for Toy Chest Lids and Closures	N/A
8.28	Test for Overload of Ride-on Toys and Toy Seats	N/A
8.29	Stuffing Materials Evaluation	N/A
8.30	Expanding Materials Test Method	N/A

Remark: N/A = Not Applicable N/P = Not Performed

4.1.2 Flammability

As per section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, the samples were tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Sample	Ignition Point	Burn Length (inch)	Time(Sec)	Actual Burn rate(inch/sec)	Limit(inch/sec)
Bell	Top	0	0	DNI	0.1

Remark: IGN=Ignite DNI=Do not ignite SE= self-extinguished

4.2 Toy Chemical Test Data

4.2.1 Test Part Description

No.	Description	Material
M001	Green rubber	Rubber
M002	Yellow rubber	Rubber
M003	Pink rubber	Rubber
M004	Blue rubber	Rubber
M005	White rubber	Rubber
M006	Brown rubber	Rubber
M007	Light blue rubber	Rubber
M008	Light pink rubber	Rubber
M009	Light green rubber	Rubber

Notes:

1.This table is used to identify each test part of the Sample. Different descriptions in the "Description" column are only used to distinguish each test part. "Material" column are only gives a simple Description of the material of each test part, which does not mean that this is the result of a material identification.

2.The test articles (parts/material) is specified by the applicant.

4.2.2 Test Results

4.2.2.1 Total lead Content in Substrate Test -ASTM F963-23 clause 4.3.5.2(1)

4.2.2.1.1 M001

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.2 M002

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.3 M003

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.4 M004

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.5 M005

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.6 M006

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.7 M007

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.8 M008

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.1.9 M009

Test Item(s)	CAS No.	Test Method	MDL	Result	Limit	Unit	Verdict
Lead (Pb)	--	CPSC-CH-E1002-08.3:2012	10	ND	100	mg/kg	Pass

4.2.2.2 Heavy elements -ASTM F963-23 clause 4.3.5.2(1)
4.2.2.2.1 M001

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.2 M002

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.3 M003

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.4 M004

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.5 M005

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.6 M006

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.7 M007

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

4.2.2.2.8 M008

Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass



Test Report

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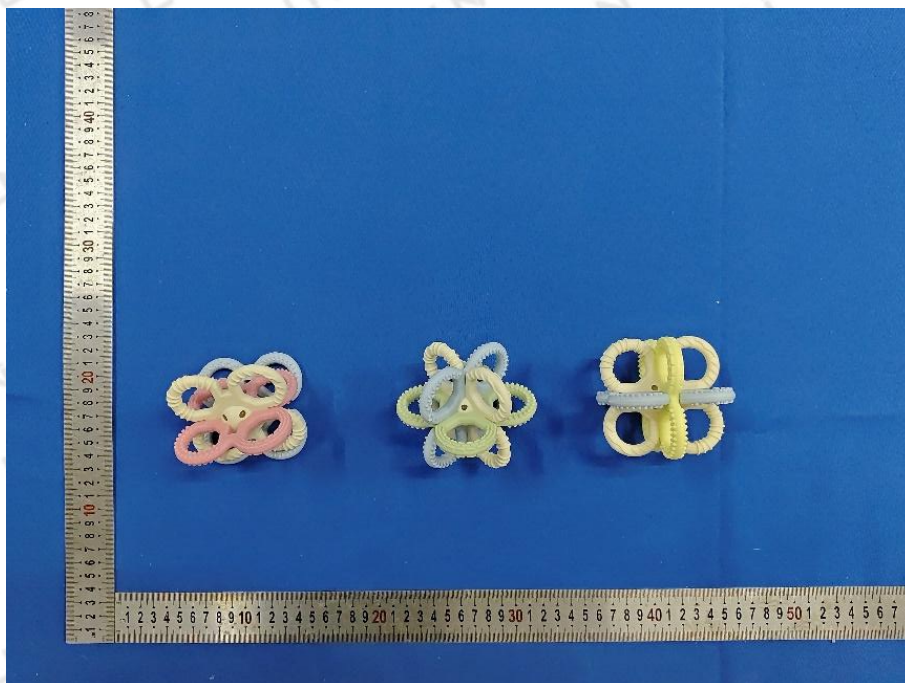
4.2.2.2.9 M009

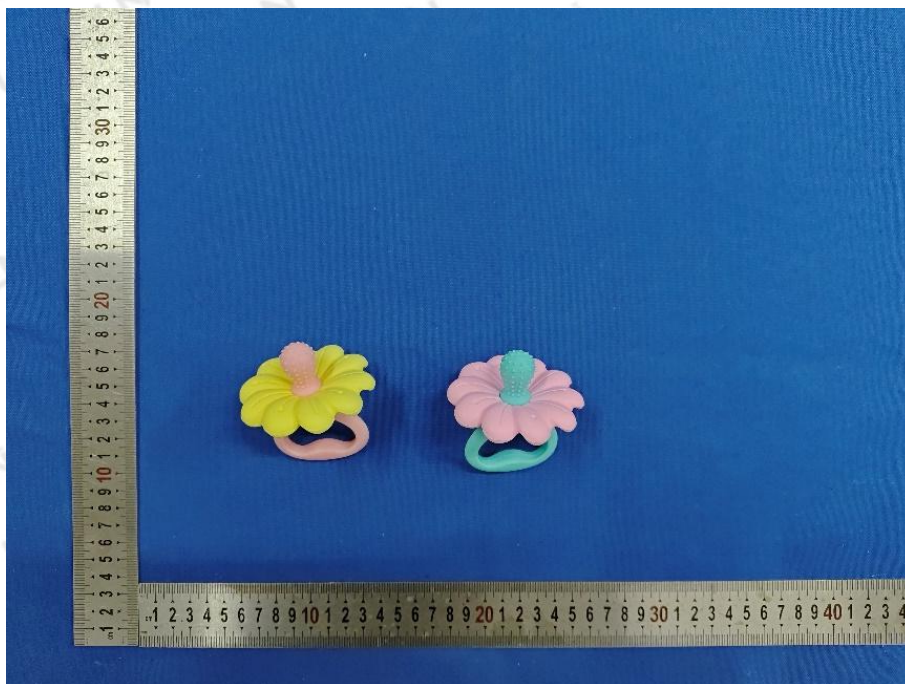
Element	MDL	Result	Limit	Unit	Verdict
Antimony (Sb)	10	ND	60	mg/kg	Pass
Arsenic (As)	5	ND	25	mg/kg	Pass
Barium (Ba)	10	ND	1000	mg/kg	Pass
Cadmium (Cd)	5	ND	75	mg/kg	Pass
Chromium (Cr)	5	ND	60	mg/kg	Pass
Lead (Pb)	5	ND	90	mg/kg	Pass
Mercury (Hg)	5	ND	60	mg/kg	Pass
Selenium (Se)	5	ND	500	mg/kg	Pass

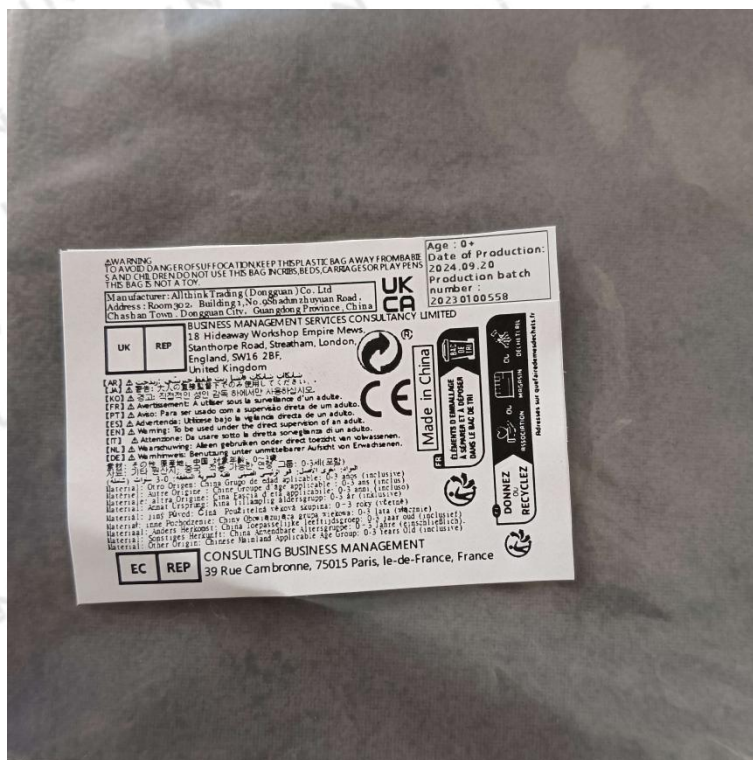
Remarks:

- 1) 1mg/kg = 0.0001%
- 2) MDL=Method Detection Limit
- 3) ND= Not Detected(<MDL)
- 4) "--"=No Testing or Blank or Not applicable.

5、Sample Photo(s)







Sample pictures are only used to inform the applicant that the samples received and tested in our laboratory are shown in the picture.

United Testing is the US Consumer Product Safety Commission(CPSC) Accredited Third Party Testing Laboratory, Identification Number is 1645, and shall refer to:
<https://www.cpsc.gov/cgi-bin/labsearch/default.aspx>.

*****End of Report*****

Statement

- 1、 This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "X", the report is invalid.
- 2、 This report shall not be modified, added or deleted without authorization.
- 3、 The results of this report are only valid for the samples provided by Applicant to our laboratory for inspection (That is, samples received by our laboratory. Without special explanation, it refers to the samples presented in the report "Sample Photo(s)").
- 4、 If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5、 Without the written consent of the company, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6、 The cover of the report is for decoration only, not included in the body of the report.
- 7、 The paper report issued by our company has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8、 The Chinese and English reports issued by our company have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9、 Please provide the complete report documents issued by our company when inquiring the report.
- 10、 For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8: 09 /2019 "Simple Acceptance Rule" for judgment.