



Test Report

Report No. A2240263113101

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Company Name BENBAT USA LLC

shown on Report

Address 100 W. FOREST AVENUE UNIT C, ENGLEWOOD, NJ 07631

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	HOOTY Projector and Soother
Item No.	PS188, PS189, PS190
Country of Origin	China
Exported to	Europe、 U.S.A、 UK, Australia, Korea, Middle East, China
Client Specified Age Grading	Not stated
Labeled Age Grading	0-5M/5M+
Age Group Applied in Testing	All ages
Sample Received Date	May 11, 2024
Sample Resubmitted Date	May 23, 2024
Testing Period	May 11, 2024 to May 24, 2024

Test Conducted:

As requested by the applicant. For details refer to next page(s)

Approved by

Victor Wang
Lab Manager

Date
May 24, 2024

Hill Zheng
Technical Manager

No. T393411587



Centre Testing International Group Co.,Ltd.

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Inspection & Testing Services

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Executive Summary:**TEST REQUEST****CONCLUSION**

1) EN 71-1:2014+A1:2018 European Standard on Safety of Toys - Mechanical and Physical Properties	PASS
2) EN 71-2:2020 European Standard on Safety of Toys - Flammability	PASS
3) EN 71-3:2019+A1:2021 European Standard on Safety of Toys - Migration of certain elements	PASS
4) Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s) - Polycyclic Aromatic Hydrocarbons (PAHs)	PASS
- Phthalates in plasticized materials	PASS
5) ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Mechanical and Physical test	PASS
- Clause 4.2 Flammability of toys	PASS
- Clause 4.3.5 Heavy elements – Total Lead content	PASS
- Clause 4.3.5 Heavy elements – Migration of certain elements	PASS
- Clause 4.25 Battery-Operated Toys	PASS
6) EN IEC 62115:2020+A11:2020 Electric toys - Safety - Electric toys – Safety (ex clause 7.2.1)	PASS
7) SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA) with amendment SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2022-122 - Physical and mechanical properties	PASS
- Flammability	PASS
- Heavy metal(Total Lead) content in surface coatings/paint	N/A
- Heavy metal(Mercury) content in surface coatings/paint	N/A
- Heavy metals contents in surface coatings/paint	N/A
- Total Lead content in plastic material	PASS
- Soluble heavy metals contents in plastic material	PASS

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- 8) SOR/2018-83 Consumer products containing Lead regulations of CCPSA
 - Total Lead content test **PASS**
- 9) AS/NZS ISO 8124.1:2023 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties
 - Safety aspects related to mechanical and physical properties **PASS**
- 10) AS/NZS ISO 8124.2:2023 Safety of toys Part 2: Flammability
 - Flammability **PASS**
- 11) AS/NZS ISO 8124.3:2021 Safety of toys - Part 3: Migration of certain elements
 - Migration of certain elements **PASS**

N/A = Not Applicable

***** For further details, please refer to the following page(s) *****

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1) **EN 71-1:2014+A1:2018 European Standard on Safety of Toys**

▼ **Mechanical and Physical Properties**

As specified in European Standard on Safety of Toys EN 71 part 1:2014+A1:2018.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	General requirements	
4.1	Material cleanliness.....	Pass
4.2	Assembly.....	Pass
4.7	Edges.....	Pass
4.8	Points and metallic wires.....	Pass
4.20	Acoustics	Pass
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	Pass
5.1b	Torque test (Test method 8.3)	Pass
	Tension test (Test method 8.4)	Pass
	Drop test (Test method 8.5)	Pass
	Impact test (Test method 8.7)	Pass
	Compression test (Test method 8.8)	Pass
	Sharpness of edges (Test method 8.11)	Pass
	Sharpness of points (Test method 8.12)	Pass
5.1f	The casing of toys intended for children too young to sit up unaided	Pass
5.8	Shape and size of certain toys.....	Pass
7	Warnings, markings and instructions for use	
7.1	General	N/A
Annex A.33	Warnings, markings and instructions for use	

<u>Check points</u>	<u>Location where the information is</u>	
	<u>On toy</u>	<u>On packaging</u>
CE Mark	√	√
Product ID	×	√
Manufacturer's Name & Address	√	√
Importer's Name & Address	×	√

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Remark:

- ①: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principle set out in Article 30 of Regulation (EC) No 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the packaging.
- ②: The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.
- ③: The manufacturer must 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.

N/A = Not Applicable

Note:

- Only applicable clause(s) was/ were shown.

2) EN 71-2:2020 European Standard on Safety of Toys**▼ Flammability**

As specified in European Standard on Safety of Toys EN 71-2:2020.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General requirements (The following materials shall not be used in the manufacture of toys except as provided in EN 71-2:2020: Celluloid, highly flammable solids, materials with a piled surface which produce surface flash, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)	Pass

Note:

- Only applicable clause(s) was/ were shown.

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3) EN 71-3:2019+A1:2021 European Standard on Safety of Toys

▼ Migration of certain elements

Method(s) EN 71-3:2019+A1:2021 was/were used, and the item(s) was/were analyzed by ICP-OES, ICP-MS, IC-UV and/or GC-MS.

Category III: scraped-off toy material

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002		
Aluminium (Al)	N.D.	N.D.	50	28130
Antimony (Sb)	N.D.	N.D.	5	560
Arsenic (As)	N.D.	N.D.	5	47
Barium (Ba)	N.D.	N.D.	50	18750
Boron (B)	N.D.	N.D.	50	15000
Cadmium (Cd)	N.D.	N.D.	1	17
Chromium (III) #1	N.D.	N.D.	0.2	460
Chromium (VI)	N.D.	N.D.	0.002	0.053
Cobalt (Co)	N.D.	N.D.	5	130
Copper (Cu)	N.D.	N.D.	50	7700
Lead (Pb)	N.D.	N.D.	1	23
Manganese (Mn)	N.D.	N.D.	50	15000
Mercury (Hg)	N.D.	N.D.	5	94
Nickel (Ni)	N.D.	N.D.	5	930
Selenium (Se)	N.D.	N.D.	5	460
Strontium (Sr)	N.D.	N.D.	50	56000
Tin (Sn) #2	N.D.	N.D.	2	180000
Organic tin (TBT) #3	N.D.	N.D.	0.05	12
Zinc (Zn)	N.D.	N.D.	50	46000

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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- ^{#1} Trivalent chromium (Cr (III)) = Chromium (Cr) - Hexavalent chromium (Cr (VI)).
- ^{#2} Tin (Sn) content can be used for screen test for organic tins analysis to show compliance with the requirement of EN 71-3:2019+A1:2021.
- ^{#3} The migration of organic tin is expressed as tributyltin (TBT). Where the tin content exceeded the limit of organic tin, eleven organic tins listed in the table were determined by GC-MS and the client should note there are other organic tins that may be present in toy materials.

Organic tins tested under EN 71-3:2019+A1:2021
Methyl tin (MeT)
Butyl tin (BuT)
Dibutyl tin (DBT)
Tributyl tin (TBT)
Tetrabutyl tin (TeBT)
n-Octyl tin (MOT)
Di-n-octyl tin (DOT)
Di-n-propyl tin (DProT)
Diphenyl tin (DPhT)
Triphenyl tin (TPhT)
Dimethyl tin (DMT)

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4) Annex XVII of European regulation (EC) No. 1907/2006 (REACH) with Amendment(s)

▼ Polycyclic Aromatic Hydrocarbons (PAHs)

Entry 50, annex XVII of European regulation (EC) No.1907/2006 (REACH) with amendments No.552/2009 & No.1272/2013

Test Method: AfPS GS 2019:01 PAK; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>CAS No.</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
		001+002		
Benzo[a]anthracene	56-55-3	N.D.	0.2	0.5
Chrysene	218-01-9	N.D.	0.2	0.5
Benzo[b]fluoranthene	205-99-2	N.D.	0.2	0.5
Benzo[k]fluoranthene	207-08-9	N.D.	0.2	0.5
Benzo[a]pyrene	50-32-8	N.D.	0.2	0.5
Dibenzo[a,h]anthracene	53-70-3	N.D.	0.2	0.5
Benzo[j]fluoranthene	205-82-3	N.D.	0.2	0.5
Benzo[e]pyrene	192-97-2	N.D.	0.2	0.5

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

▼ Phthalates in plasticized materials

Entry 51 & entry 52, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendment No.552/2009 & No 2015/326 & (EU) 2018/2005

Test Method: Refer to EN 14372:2004(E); Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001+002		
Di-2-ethylhexyl Phthalate (DEHP)	N.D.	30	1000
Dibutyl Phthalate (DBP)	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	N.D.	30	1000
Di-isobutyl Phthalate (DIBP)	N.D.	30	1000
SUM(DEHP+DBP+BBP+DIBP)	N.D.	--	1000
Diisononyl Phthalate (DINP)	N.D.	50	--
Di-n-octyl Phthalate (DNOP)	N.D.	30	--
Diisodecyl Phthalate (DIDP)	N.D.	50	--
SUM(DINP+DNOP+DIDP)	N.D.	--	1000

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Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 1000 mg/kg = 0.1%
- The limit for composite test should be divided by the mixed number.

5) **ASTM F963-23 Standard Consumer Safety Specification for Toy Safety**

▼ **Mechanical and Physical test**

As specified in ASTM F963-23 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality.....	Pass
4.5	Sound-producing Toys.....	Pass
4.6	Small Objects.....	Pass
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.11	Nails and Fasteners.....	Pass
4.18	Holes, Clearance, and Accessibility of Mechanisms.....	Pass
5.	Labeling Requirements	
5.1.2	Requirement for tracking label.....	Pass
5.2	Age Grading Labeling.....	Pass
5.15	Promotional Materials.....	Pass
6.	Instructional Literature	
6.1	Definition and description	Pass
7.	Producer's Markings	
7.1	Producer's Markings.....	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test	Pass
8.8	Torque Tests for Removal of Components.....	Pass
8.9	Tension Test for Removal of Components.....	Pass
8.10	Compression Test.....	Pass

Note:

- Only applicable clause(s) was/were shown.
- Result(s) shown of tested clause(s) (5.1.2) is/are based on resubmitted sample(s)/part material(s).

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▼ Clause 4.2 Flammability

As specified in ASTM F963-23 standard consumer safety specification for toy safety.

Flammability Test on Solid

<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
0.02	0.1

Note:

- Only applicable clause(s) was/were shown.

▼ Clause 4.3.5 Heavy elements – Total Lead content

Test Method: ASTM F963-23 Clause 8.3; Test Equipment: ICP-OES

Toy substrate materials:

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL (mg/kg)</u>	<u>Limit (mg/kg)</u>
	001+002		
Total Lead (Pb)	N.D.	5	100

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

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▼ Clause 4.3.5 Heavy elements – Migration of certain elements

Test Method: ASTM F963-23 Clause 8.3; Test Equipment: ICP-OES

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002		
Soluble Antimony (Sb)	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.

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▼ Clause 4.25 Battery-operated toys

As specified in ASTM F963-23 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.25	Battery-Operated Toys	
4.25.1	Marking on battery compartment.....	Pass
4.25.2	Maximum allowable direct current potential.....	Pass
4.25.3	Protection against charging non-rechargeable battery.....	Pass
4.25.4	Battery Accessibility.....	Pass
4.25.5	Isolation of batteries of different types or capacities.....	Pass
4.25.6	Temperature of battery surface.....	Pass
4.25.7	Temperature requirements of charging and discharging of the battery.....	Pass
4.25.8	Instruction on safe battery usage.....	Pass
4.25.9	Battery-powered ride-on Toys.....	N/A
4.25.10	Toys that Contain Secondary Cells or Secondary Batteries.....	N/A
5.	Safety Labeling Requirements	
5.14	Battery-Operated Toys.....	N/A
6.	Instructional Literature	
6.5	Battery-Operated Toys.....	Pass

N/A = Not Applicable

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6) EN IEC 62115:2020+A11:2020 Electric toys - Safety

▼ Electric toys – Safety (ex clause 7.2.1)

As Specified in European Standard on Safety of Electric Toys EN IEC 62115:2020+A11:2020.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
1	Scope	--
2	Normative references	--
3	Terms and definitions	--
4	General requirement	--
5	General conditions for the tests	--
6	Criteria for reduced testing	--
7	Marking and instructions..... Remark 1: - The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer. - 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.	Pass See Remark 1
8	Power input.....	N/A
9	Heating and abnormal operation.....	Pass
10	Electric strength.....	Pass
11	Electric toys used in water, electric toys used with liquid and electric toys cleaned with liquid.....	N/A
12	Mechanical strength.....	Pass
13	Construction.....	Pass
14	Protection of cords and wires.....	Pass
15	Components..... Remark 2: Clause 15.2 has been assessed in clause 15. No certificate of compliance was provided by the applicant. Applicant needs to ensure that other components as specified in clause 15.1.1 comply with the safety requirements as specified in the relevant standards and meet the national deviation requirement of the importing countries.	Pass See Remark 2
16	Screws and connections.....	Pass
17	Clearances and creepage distances.....	Pass
18	Resistance to heat and fire.....	Pass

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19	Radiation and similar hazards	
19.2	Optical radiation	Pass
19.E.2	Light-emitting diodes (LEDs).....	Pass
19.3	Other electromagnetic radiation.....	N/A

Abbreviation: N/A = Not Applicable

Clause 19.E.2 Light-emitting diodes (LEDs)

This product's accessible emission has been tested according to the clause 19.E.2.1 of EN IEC 62115:2020+A11:2020 and found in compliance with the clause 19.E.2 of EN IEC 62115:2020+A11:2020.

Component No.	Spectral region (Wavelength λ)	Measured accessible emission	Limit	Assessment
Blue light	$400 \text{ nm} \leq \lambda < 780 \text{ nm}$	0.0003W/sr	0.050W/sr	Pass
Green light	$400 \text{ nm} \leq \lambda < 780 \text{ nm}$	0.0003W/sr	0.480W/sr	Pass
Yellow light	$400 \text{ nm} \leq \lambda < 780 \text{ nm}$	0.0003W/sr	0.760W/sr	Pass

Note:

- Result(s) shown of tested clause(s) (7) is/are based on resubmitted sample(s)/part material(s).

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7) **SOR/2011-17 Toys Regulations of Canada Consumer Product Safety Act (CCPSA) with amendment SOR/2012-71, SOR/2016-195, SOR/2016-302, SOR/2018-138 and SOR/2022-122**

▼ **Physical and Mechanical properties**

<u>Section</u>	<u>Description</u>	<u>Assessment</u>
7	Small Parts	Pass
8	Metal Edges... ..	Pass
10	Plastic Edges.....	Pass
13	Fasteners	Pass
19	Decibel limit	Pass
35	Plant Seeds – Noise	Pass

Test Methods

M00.1	Small Components.....	Pass
M00.2	Sharp Edges.....	Pass
M00.3	Sharp Points.....	Pass
M01.1	Reasonable Foreseeable Use.....	Pass
M04	Test to Determine The Noise Level of Toys.....	Pass

Note:

- Only applicable clause(s) was/were shown.

▼ **Flammability**

<u>Section</u>	<u>Description</u>	<u>Assessment</u>
21	Celluloid or Cellulose Nitrate.....	Pass

Note:

- Only applicable clause(s) was/were shown.

▼ **Heavy metal(Total Lead) content in surface coatings/paint..... N/A**

Method(s) Health Canada Product Safety Reference Manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2 was/were used, and the item(s) was/were analyzed by ICP-OES.

N/A = **Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

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▼ **Heavy metal(Mercury) content in surface coatings/paint**..... N/A

Method(s) Health Canada Product Safety Reference Manual Book 5 - Laboratory Policies and Procedures
Part B: Test Methods Section, Method C-07 was/were used, and the item(s) was/were analyzed by ICP-OES.

N/A = **Not Applicable** (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

▼ **Heavy metals contents in surface coatings/paint**..... N/A

Method(s) ASTM F963-17 Clause 8.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

N/A = **Not Applicable**

▼ **Total Lead content in plastic material**

Method(s) Health Canada Product Safety Reference Manual Book 5 - Laboratory Policies and Procedures
Part B: Test Methods Section, Method C-02.3 was/were used, and the item(s) was/were analyzed by ICP-OES.

<u>Tested Item(s)</u>	<u>Result</u> (mg/kg)	<u>MDL</u>	<u>Limit</u>
		(mg/kg)	(mg/kg)
Total Lead (Pb)	N.D.	10	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

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▼ **Soluble heavy metals contents in plastic material**

Test Method: ASTM F963-23 Clause 8.3; Test Equipment: ICP-OES

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002		
Soluble Antimony (Sb)	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	2.5	60
Soluble Mercury (Hg)	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.

8) **SOR/2018-83 Consumer products containing Lead regulations of CCPSA**

▼ **Total Lead content test**

Method(s) Health Canada Product Safety Reference Manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section, Method C-02.2, Method C-02.3, Method C-02.4 was/were used, and the item(s) was/were analyzed by ICP-OES.

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001+002		
Total Lead (Pb)	N.D.	10	90

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit for composite test should be divided by the mixed number.

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9) **AS/NZS ISO 8124.1:2023 Safety of toys - Part 1: Safety aspects related to mechanical and physical properties**

▼ **Safety aspects related to mechanical and physical properties**

As specified in Australian / New Zealand standard on safety of toys AS/NZS ISO 8124.1:2023.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General.....	Pass
4.2	Reasonably foreseeable abuse.....	Pass
4.3	Material.....	Pass
4.4	Small parts.....	Pass
4.5	Shape, size and strength of certain toys	
	4.5.2 Small balls.....	Pass
4.6	Edges	
	4.6.1 Accessible sharp edges of glass or metal.....	Pass
	4.6.2 Functional sharp edges.....	Pass
	4.6.4 Edges on moulded toys.....	Pass
	4.6.5 Edges on exposed bolts or threaded rods.....	Pass
4.7	Points	
	4.7.1 Accessible sharp points.....	Pass
	4.7.2 Functional sharp points.....	Pass
4.13	Holes, clearances and accessibility of mechanisms	
	4.13.1 Circular holes in rigid materials.....	Pass
4.29	Acoustic requirements.....	Pass
4.36	Assembly.....	Pass
5	Test methods	
5.24	Reasonably foreseeable abuse tests	
	5.24.2 Drop test.....	Pass
	5.24.5 Torque test.....	Pass
	5.24.6 Tension test.....	Pass
	5.24.7 Compression test.....	Pass
Annex B	Safety-labeling guidelines and manufacturer's markings	
B.2	Safety-labeling guidelines	
B.2.1	Good practice for visibility and legibility.....	Pass
B.2.2	Age grading.....	Pass
B.2.8	Toys intended to be assembled by an adult.....	Pass

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B.3	Instructional literature	
B.3.6	Toys intended to be assembled by an adult.....	Pass
B.4	Manufacturer's markings.....	Pass

Note:

- Only applicable clause(s) was/were shown.
- Result(s) shown of tested clause(s) (4.1, 4.36) is/are based on resubmitted sample(s)/part material(s).

10) AS/NZS ISO 8124.2:2023 Safety of toys - Part 2: Flammability

▼ Flammability

As specified in Australian/New Zealand standard on safety of toys AS/NZS ISO 8124.2:2023.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4	Requirements	
4.1	General..... (The following materials shall not be used in the manufacture of toys except as provided in AS/NZS ISO 8124.2:2023: Celluloid (cellulose nitrate), materials with a pilled surface which produce surface flash, highly flammable solids, flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels.)	Pass

Note:

- Only applicable clause(s) was/were shown.

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11) AS/NZS ISO 8124.3:2021 Safety of toys - Part 3: Migration of certain elements

▼ Migration of certain elements

Method(s) AS/NZS ISO 8124.3:2021 was/were used, and the item(s) was/were analyzed by ICP-OES.

Toy materials exclude modelling clay and finger paint:

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>		<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001	002		
Soluble Antimony (Sb)	N.D.	N.D.	5	60
Soluble Arsenic (As)	N.D.	N.D.	2.5	25
Soluble Barium (Ba)	N.D.	N.D.	5	1000
Soluble Cadmium (Cd)	N.D.	N.D.	5	75
Soluble Chromium (Cr)	N.D.	N.D.	2.5	60
Soluble Lead (Pb)	N.D.	N.D.	5	90
Soluble Mercury (Hg)	N.D.	N.D.	2.5	60
Soluble Selenium (Se)	N.D.	N.D.	5	500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- Result(s) shown are of adjusted analytical results by subtracting analytical correction factor.

Tested Sample/Part Description

No.	CTI Sample ID	Description
1	001	Beige white plastic(main)
2	002	Grey plastic(base/switch/battery cover)

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Photo(s) of the sample(s)



Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full.

*** End of Report ***

