



Test Report

Report No : BSTDG1709784330002RR-4 Date: Sep. 22, 2017

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Applicant : SHENZHEN WANG RUI DA TECHNOLOGY CO., LTD
Address : Room 406, Block 4, 1980 Culture Park, Mingxing Rd.
Shenzhen, Guangdong, China, 518000

The following sample(s) was /were submitted and identified on behalf of the clients as :

Sample Name : INNOCHEER kids musical instruments - Xylophone Set

Sample Model : KMY-02

Sample Received Date : Sep. 17, 2017

Testing Period : Sep. 17, 2017 To Sep. 22, 2017

Test Requested : Selected test (s) in the selected parts as requested by client.

Test Method : Please refer to next page(s).

Test Result : Please refer to next page(s).

Signed for and on behalf of

Andy Zheng/ Technical Director

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Test Result(s): ASTM F963

1.1 Mechanical and Physical Test

As per The USA Standard Consumer Safety Specification for Toy Safety: ASTM F963-16

Applicant's specified age group for testing: over 36 months.

Clause	Testing Items	Assessment
4	Safety Requirements	--
4.1	Material Quality	P
4.2	Flammability	P
4.3	Toxicology	NA
4.4	Electrical/Thermal Energy	NA
4.5	Sound Producing Toys	NA
4.6	Small Objects	NA
4.7	Accessible Edges	NA
4.8	Projections	NA
4.9	Accessible Points	NA
4.10	Wires or Rods	NA
4.11	Nails and Fasteners	NA
4.12	Plastic Film	NA
4.13	Folding Mechanisms and Hinges	NA
4.14	Cords and Elastics in Toys	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	NA

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Clause	Testing Items	Assessment
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.22	Teethes 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
4.30	Toy Gun Marking	NA
4.31	Balloons	NA
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	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA
5	Labeling Requirements	P
6	Instructional Literature	NA
7	Producer's Markings	NA
Remark :	P=Pass, NA=Not applicable	

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1.2 Flammability Test

As per The USA Standard Consumer Safety Specification for Toy Safety: ASTM F963-16

Clause	Testing Items	Assessment
4.2	Flammability	NA
Remark :	P=Pass, NA=Not applicable	

1.3 Toxicology Test

As per The USA Standard Consumer Safety Specification for Toy Safety: ASTM F963-16

Sample Description:

No.	Name
1	Silvery Metal
2	Yellow Plastic
3	Blue Coating
4	Green Coating
5	Yellow Coating
6	Orange Coating
7	Red Coating
8	Purple Coating
9	White Coating
10	Yellow Plastic
11	Yellow Plastic
12	Yellow Coating
13	Orange Coating

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No.	Name
14	Red Coating
15	Light Blue Coating
16	Blue Coating
17	Blue Plastic
18	Red Plastic
19	Green Plastic
20	Silvery Metal
21	Silvery Metal
22	Silvery Metal
23	Green Plastic
24	Blue Plastic
25	Silvery Metal
26	Silvery Metal
27	Transparent Coating
28	Silvery Metal
29	Black Plastic
30	White Fabric
31	Red Plastic
32	Red Fabric
33	White Plastic
34	Blue Plastic
35	Green Plastic
36	Yellow Plastic

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No.	Name
37	Yellow Fabric
38	Yellow Fiber
39	Transparent Plastic

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Total Lead(Non-Metal products)	CPSC-CH-E1002-08	ICP-AES
Total Lead(Metal products)	CPSC-CH-E1001-08	ICP-AES

The Result (No.1):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.2):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.3):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.4):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.5):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.6):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.7):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.8):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.9):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.10):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.11):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.12):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.13):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.14):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.15):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.16):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.17):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.18):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.19):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.20):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.21):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.22):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.23):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.24):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.25):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.26):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.27):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.28):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.29):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.30):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.31):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.32):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.33):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.34):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.35):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.36):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.37):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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The Result (No.38):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

The Result (No.39):

Test Item(s)	Unit	Result	MDL	Limit
Total Lead	ppm	N.D.	5	100
Soluble Lead (Pb)	ppm	N.D.	5	90
Soluble Cadmium (Cd)	ppm	N.D.	5	75
Soluble Chromium (Cr)	ppm	N.D.	5	60
Soluble Antimony (Sb)	ppm	N.D.	5	60
Soluble Selenium (Se)	ppm	N.D.	5	500
Soluble Barium (Ba)	ppm	N.D.	5	1000
Soluble Arsenic (As)	ppm	N.D.	2.5	25
Soluble Mercury (Hg)	ppm	N.D.	5	60

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- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDLCoating
 3. MDL = Method Detection Limit

2.CPSIA Total Lead:

Consumer Product Safety Improvement Act 2008 (CPSIA)(H.R.4040) Section 101
Children's products containing lead; lead paint rule.

Test Method and Test Equipment:

Test Item	Test Method	Test Equipment
Total Lead(Non-Metal products)	CPSC-CH-E1002-08	ICP-AES
Total Lead(Metal products)	CPSC-CH-E1001-08	ICP-AES
Total Lead(Paint or Coating)	CPSC-CH-E-1003-09.1	ICP-AES

Test Result:

No.	Test Item	Unit	MDL	Limit	Result
1	Total Lead(Metal products)	mg/kg	5	100	N.D.
2	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
3	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
4	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
5	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
6	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
7	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.

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No.	Test Item	Unit	MDL	Limit	Result
8	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
9	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
10	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
11	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
12	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
13	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
14	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
15	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
16	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
17	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
18	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
19	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
20	Total Lead(Metal products)	mg/kg	5	100	N.D.
21	Total Lead(Metal products)	mg/kg	5	100	N.D.
22	Total Lead(Metal products)	mg/kg	5	100	N.D.
23	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
24	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
25	Total Lead(Metal products)	mg/kg	5	100	N.D.

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No.	Test Item	Unit	MDL	Limit	Result
26	Total Lead(Metal products)	mg/kg	5	100	N.D.
27	Total Lead(Paint or Coating)	mg/kg	5	90	N.D.
28	Total Lead(Metal products)	mg/kg	5	100	N.D.
29	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
30	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
31	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
32	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
33	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
34	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
35	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
36	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
37	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
38	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.
39	Total Lead (Non-Metal products)	mg/kg	5	100	N.D.

- Note:**
1. mg/kg= ppm
 2. N.D.= Not Detected(<MDLCoating
 3. MDL = Method Detection Limit

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Sample Photo:



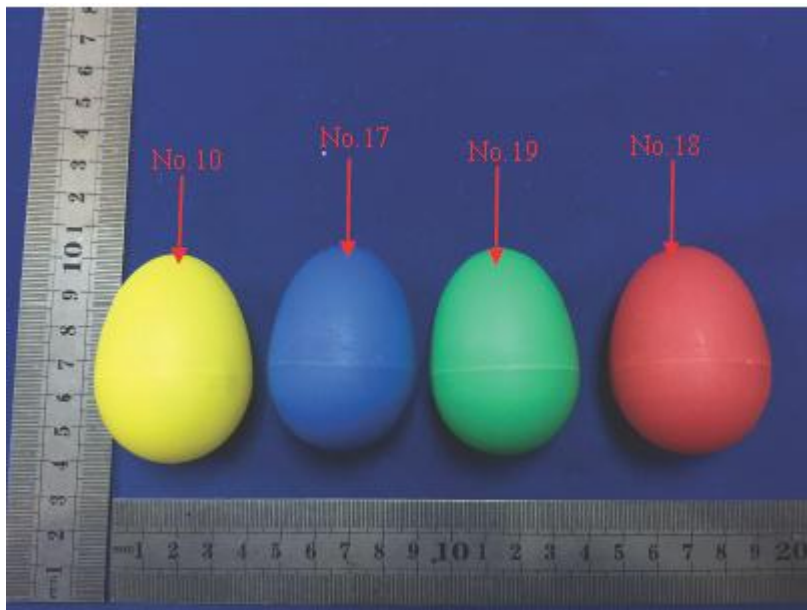
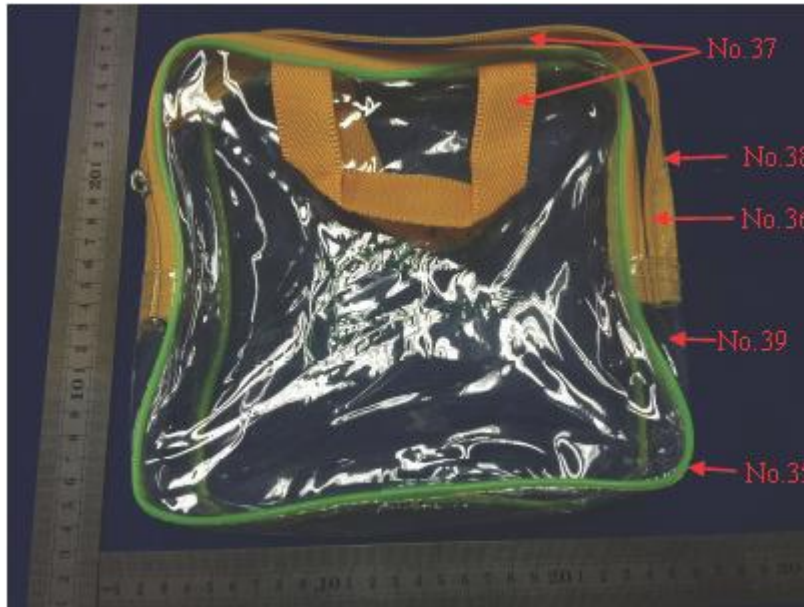
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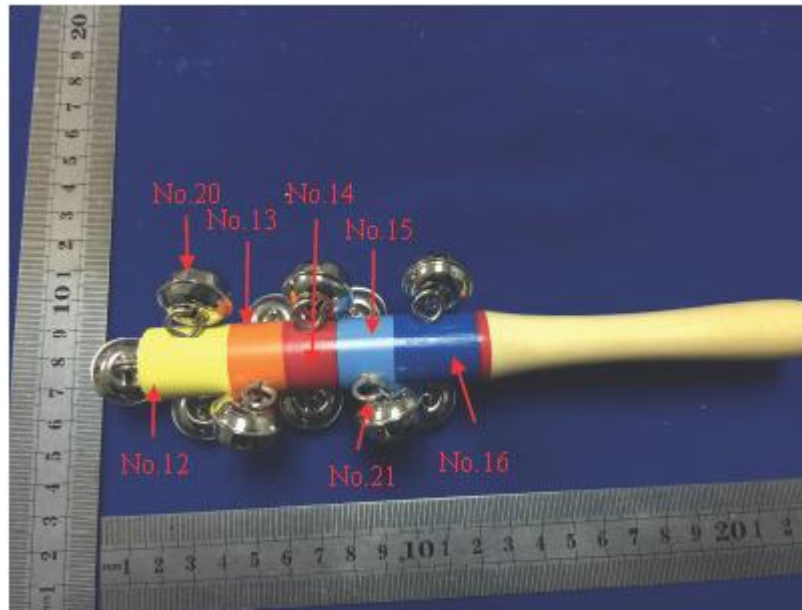
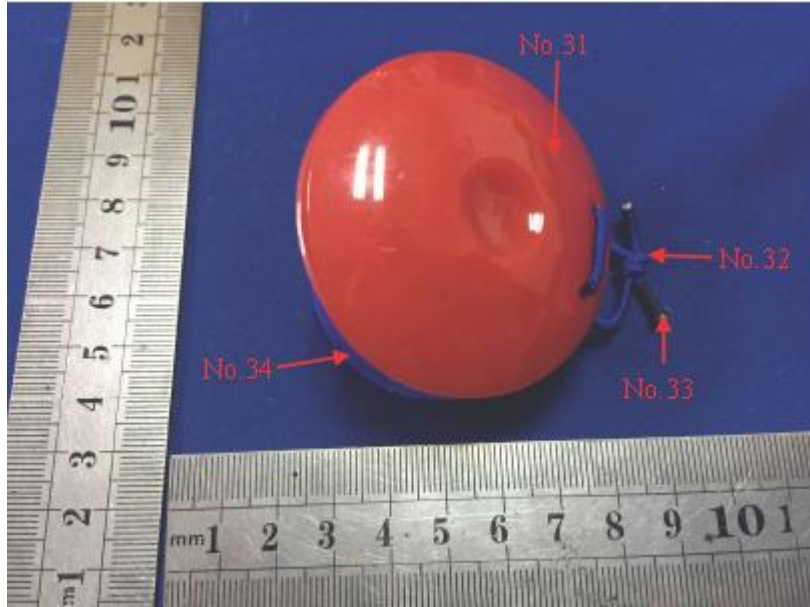
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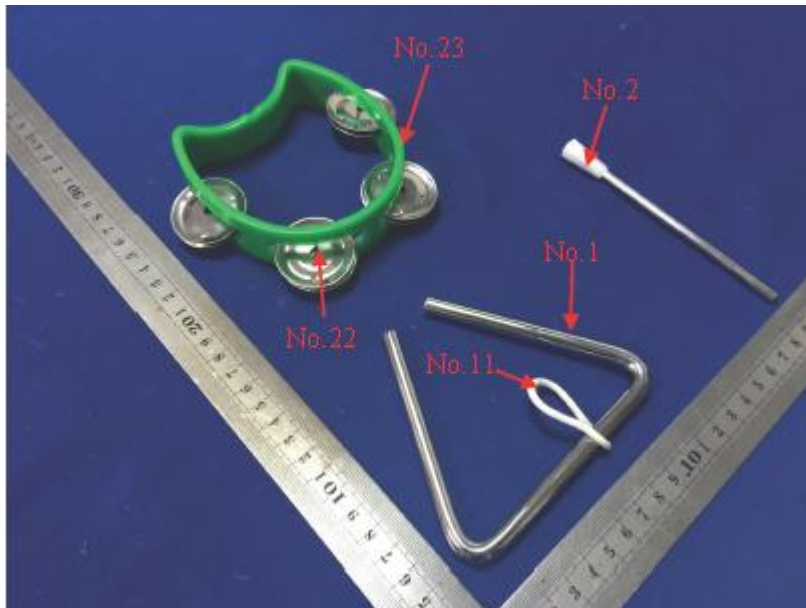
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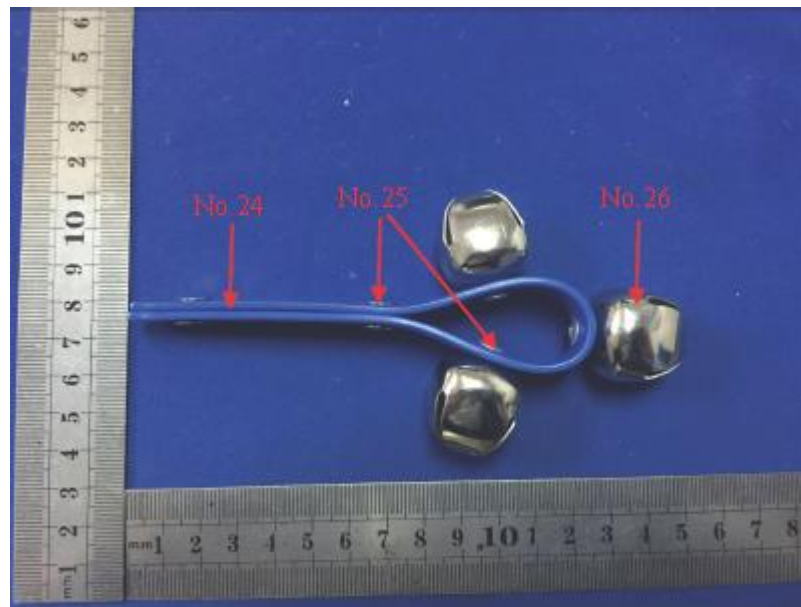
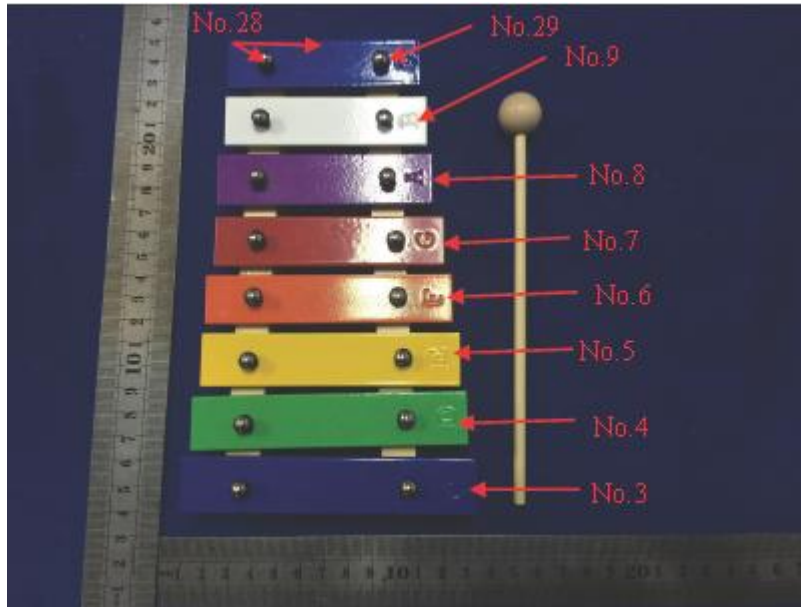
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