

TEST REPORT

Report No.: SZ210504370EN

Report Date: 2021/06/02

Applicant Zhejiang Top Teaching Holding Group Co., Ltd.

Address No.550 Tongde Road, Tongxiang Economic Development Zone, Tongxiang City, Jiaxing, Zhejiang

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

Sample Name educational toys

Style No.

Soyee-102pc、Soyee-52pcs、KBGR-55A、KBGR-82A、KBGR-116、KBGR-145、KBGR-29、KBGR-55、KBGR-82、KBGR-105、KBKG-48、KBKG-84、KBKG-112、KBKG-134、KBKG-96、KBKG-146、KBKG-193、KBM-16、KBM-46、KBM-12S、KBM-36、KBM-62、KBM-98、KBM-48、KBM-78、KBM-108、KBM-68、KBM-32、KBM-60、KBM-100、KBM-128、KBM-120、KBM-180、KBZS-25、KBZS-58、KBKG-167、KBKG-128、KBQB-61、KBQB-61A、KBQB-68、MT-32、MT-60、MT-120、BH-50、BH-64、BH-60、BH-10、IMA-16、IMA-20、IMA-ET20、IMA-SS20、IMA-32、IMA-60、IMA-106、IMA-110、IMA-150、IMAKG-70、IMAKG-134、IMA-50、IMA-105、GM-100、GM-32、GM-60、GM-96S、GM-146S、2061、2063、2064、2065、2109、NM-56、NM-33、NM-100、JCKBJT002、JCKBZS58、JCKBZS25、JCKBQB61、JCKBQB68、JCKBQB61A、KBJT-001、KBJT-002、KBJT-003、KBJT-004

Labeled Age Grading 3+

Sample Received Date: 2021/05/18

Test Period: 2021/05/18-2021/05/22

Overall Rating

Pass

Note: Labeled Age Grading: Not specified

Requested Age Grading: Not specified

Age Group Applied in Testing: Over 3 years old



Approved by:

Evan
Evan Huang
Lab Manager

Vargas
Vargas He
Lab Director



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Test Item(s)		Conclusion
1	Flammability	Pass
2	Mechanical and physical properties	Pass
3	Specific Element Migration	Pass

***** For Further Details, Please Refer To the Following Page(s) *****

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1.Flammability

Test method:EN 71-2:2011+A1:2014

Test Item(s)	Tested Component/Result(s)	Requirement
	001	
General requirements	Pass	conform to clause 4.1
Toys to be worn on the head	N/A	conform to clause 4.2
Toy disguise costumes and toys intended to be worn by a child in play	N/A	conform to clause 4.3
Toys intended to be entered by a child	N/A	conform to clause 4.4
Soft-filled toys	N/A	conform to clause 4.5

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2.Mechanical and physical properties

Test method:EN 71-1:2014+A1:2018

Term(s)	Description	Result(s)
		001
4.1	Material cleanliness	Pass
4.2	Assembly	N/A
4.3	Flexible plastic sheeting	N/A
4.4	Toy bags	N/A
4.5	Glass	N/A
4.6	Expanding materials	N/A
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
4.10	Parts moving against each other	N/A
4.10.1	Folding and sliding mechanisms	N/A
4.10.2	Driving mechanisms	N/A
4.10.3	Hinges	N/A
4.10.4	Springs	N/A
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	N/A
4.12	Balloons	N/A
4.13	Cords of toy kits and other flying toys	N/A
4.14	Enclosures	N/A
4.14.1	Toys which a child can enter	N/A
4.14.2	Masks and helmets	N/A
4.15	Toys intended to bear the mass of a child	N/A
4.15.1	Toys propelled by a child or by other means	N/A
4.15.2	Toy bicycles	N/A
4.15.3	Rocking horses and similar toys	N/A
4.15.4	Toys not propelled by a child	N/A
4.15.5	Toy scooters	N/A
4.16	Heavy immobile toys	N/A
4.17	Projectile toys	N/A

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4.17.1	General	N/A
4.17.2	All projectiles	N/A
4.17.3	Projectile toys with stored energy	N/A
4.17.4	Certain projectile toys without stored energy	N/A
4.18	Aquatic toys and inflatable toys	N/A
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	N/A
4.20	Acoustics	N/A
4.21	Toys containing a non-electrical heat source	N/A
4.22	Small balls	N/A
4.23	Magnets	Pass
4.23.1	General	N/A
4.23.2	Toys other than magnetic/electrical experimental sets intended for children over 8 years	N/A
4.23.3	Magnetic/electrical experimental sets intended for children over 8 years	N/A
4.24	Yo-yo balls	N/A
4.25	Toys attached to food	N/A
4.26	Toy disguise costumes	N/A
4.27	Flying toys	N/A
4.27.1	General	N/A
4.27.2	Rotors and propellers on flying toys	N/A
4.27.3	Rotors and propellers on remote controlled flying toys	N/A
5	Toys intended for children under 36 months	N/A
5.1	General requirements	N/A
5.2	Soft-filled toys and soft-filled parts of a toy	N/A
5.3	Plastic sheeting	N/A
5.4	Cords,chains and electrical cables in toys	N/A
5.4.1	General	N/A
5.4.2	Cords and chains in toys intended for children under 18 months	N/A
5.4.3	Cords and chains in toys intended for children of 18 months or over but under 36 months	N/A
5.4.4	Fixed loops,tangled loops and nooses	N/A
5.4.5	Cords and chains on pull along toys	N/A
5.4.6	Electrical cables	N/A
5.4.7	Cross-sectional dimension of certain cords	N/A

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5.4.8	Self-retracting cords	N/A
5.4.9	Toys attached to or intended to be strung across a cradle,cot or perambulator	N/A
5.5	Liquid-filled toys	N/A
5.6	Speed limitation of electrically-driven ride-on toys	N/A
5.7	Glass and porcelain	N/A
5.8	Shape and size of certain toys	N/A
5.9	Toys comprising monofilament fibres	N/A
5.10	Small balls	N/A
5.11	Play figures	N/A
5.12	Hemispheric-shaped toys	N/A
5.13	Suction cups	N/A
5.14	Straps intended to be worn fully or partially around the neck	N/A
5.15	Sledges with cords for pulling	N/A
6	Packaging	N/A
7	Warnings,markings and instructions for use	Pass
7.1	General	Pass
7.2	Toys not intended for children under 36 months	Pass
7.3	Latex balloons	N/A
7.4	Aquatic toys	N/A
7.5	Functional toys	N/A
7.6	Hazardous sharp functional edges and points	N/A
7.7	Projectile toys	N/A
7.8	Imitation protective masks and helmets	N/A
7.9	Toy kites	N/A
7.10	Roller skates,inline skates,skateboards and certain other ride-on toys	N/A
7.10.1	Roller skates,inline skates and skateboards	N/A
7.10.2	Ride-on toys without a braking device	N/A
7.10.3	Electrically-driven ride-on toys	N/A
7.10.4	Instructions for use	N/A
7.11	Toys otherwise intended to be strung across a cradle,cot, or perambulator	N/A
7.12	Liquid-filled teethers	N/A
7.13	Percussion caps specifically designed for use in toys	N/A

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7.14	Acoustics	N/A
7.15	Toy bicycles	N/A
7.16	Toys intended to bear the mass of a child	N/A
7.17	Toys comprising monofilament fibres	N/A
7.18	Toy scooters	N/A
7.19	Rocking horses and similar toys	N/A
7.20	Magnetic/electrical experimental sets	N/A
7.21	Toys with electrical cables exceeding 300 mm in length	N/A
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	N/A
7.23	Toys intended to be attached to a cradle,cot or perambulator	N/A
7.24	Sledges with cords for pulling	N/A
7.25	Flying toys	N/A
7.26	Improvised projectiles	N/A
8.3	Torque test	Pass
8.4	Tension test	Pass
8.5	Drop test	Pass
8.6	Tip over test	N/A
8.7	Impact test	N/A
8.8	Compression test	Pass
8.9	Soaking test	N/A
8.13	Flexure test	N/A
8.34	Tension test for magnets	N/A

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3. Specific Element Migration

Test method: EN 71-3:2019

Test Item(s)	Result(s)		MDL	Requirement
	002	003		
Aluminium(Al)(mg/kg)	N.D.	N.D.	10	<70000
Antimony (Sb)(mg/kg)	N.D.	N.D.	2	<560
Arsenic (As)(mg/kg)	N.D.	N.D.	0.9	<47
Barium (Ba)(mg/kg)	N.D.	N.D.	5	<18750
Boron(B)(mg/kg)	N.D.	N.D.	5	<15000
Cadmium (Cd)(mg/kg)	N.D.	N.D.	0.3	<17
Chromium(III)(mg/kg)	N.D.	N.D.	2	<460
Chromium(VI)(mg/kg)	N.D.	N.D.	0.005	<0.053
Cobalt (Co)(mg/kg)	N.D.	N.D.	2	<130
Copper (Cu)(mg/kg)	N.D.	N.D.	10	<7700
Lead (Pb)(mg/kg)	N.D.	N.D.	0.5	<23
Manganese(Mn)(mg/kg)	N.D.	N.D.	5	<15000
Mercury (Hg)(mg/kg)	N.D.	N.D.	1	<94
Nickel (Ni)(mg/kg)	N.D.	N.D.	5	<930
Selenium (Se)(mg/kg)	N.D.	N.D.	2	<460
Strontium(Sr)(mg/kg)	N.D.	N.D.	5	<56000
Tin(Sn)(mg/kg)	N.D.	N.D.	2	<180000
Organic Tin(mg/kg)	N.D.	N.D.	0.2	<12
Zinc(Zn)(mg/kg)	N.D.	N.D.	10	<46000
Conclusion	Pass	Pass	/	/

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Test Item(s)	Result(s)		MDL	Requirement
	004	005		
Alumium(Al)(mg/kg)	N.D.	N.D.	10	<70000
Antimony (Sb)(mg/kg)	N.D.	N.D.	2	<560
Arsenic (As)(mg/kg)	N.D.	N.D.	0.9	<47
Barium (Ba)(mg/kg)	N.D.	N.D.	5	<18750
Boron(B)(mg/kg)	N.D.	N.D.	5	<15000
Cadmium (Cd)(mg/kg)	N.D.	N.D.	0.3	<17
Chromium(III)(mg/kg)	N.D.	N.D.	2	<460
Chromium(VI)(mg/kg)	N.D.	N.D.	0.005	<0.053
Cobalt (Co)(mg/kg)	N.D.	N.D.	2	<130
Copper (Cu)(mg/kg)	N.D.	N.D.	10	<7700
Lead (Pb)(mg/kg)	N.D.	N.D.	0.5	<23
Manganese(Mn)(mg/kg)	N.D.	N.D.	5	<15000
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Zinc(Zn)(mg/kg)	N.D.	N.D.	10	<46000
Conclusion	Pass	Pass	/	/

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Test Item(s)	Result(s)		MDL	Requirement
	006	007		
Alumium(Al)(mg/kg)	N.D.	N.D.	10	<70000
Antimony (Sb)(mg/kg)	N.D.	N.D.	2	<560
Arsenic (As)(mg/kg)	N.D.	N.D.	0.9	<47
Barium (Ba)(mg/kg)	N.D.	N.D.	5	<18750
Boron(B)(mg/kg)	N.D.	N.D.	5	<15000
Cadmium (Cd)(mg/kg)	N.D.	N.D.	0.3	<17
Chromium(III)(mg/kg)	N.D.	N.D.	2	<460
Chromium(VI)(mg/kg)	N.D.	N.D.	0.005	<0.053
Cobalt (Co)(mg/kg)	N.D.	N.D.	2	<130
Copper (Cu)(mg/kg)	N.D.	N.D.	10	<7700
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Tin(Sn)(mg/kg)	N.D.	N.D.	2	<180000
Organic Tin(mg/kg)	N.D.	N.D.	0.2	<12
Zinc(Zn)(mg/kg)	N.D.	N.D.	10	<46000
Conclusion	Pass	Pass	/	/

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Test Item(s)	Result(s)		MDL	Requirement
	008	009		
Alumium(Al)(mg/kg)	N.D.	N.D.	10	<70000
Antimony (Sb)(mg/kg)	N.D.	N.D.	2	<560
Arsenic (As)(mg/kg)	N.D.	N.D.	0.9	<47
Barium (Ba)(mg/kg)	N.D.	N.D.	5	<18750
Boron(B)(mg/kg)	N.D.	N.D.	5	<15000
Cadmium (Cd)(mg/kg)	N.D.	N.D.	0.3	<17
Chromium(III)(mg/kg)	N.D.	N.D.	2	<460
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Cobalt (Co)(mg/kg)	N.D.	N.D.	2	<130
Copper (Cu)(mg/kg)	N.D.	N.D.	10	<7700
Lead (Pb)(mg/kg)	N.D.	N.D.	0.5	<23
Manganese(Mn)(mg/kg)	N.D.	N.D.	5	<15000
Mercury (Hg)(mg/kg)	N.D.	N.D.	1	<94
Nickel (Ni)(mg/kg)	N.D.	N.D.	5	<930
Selenium (Se)(mg/kg)	N.D.	N.D.	2	<460
Strontium(Sr)(mg/kg)	N.D.	N.D.	5	<56000
Tin(Sn)(mg/kg)	N.D.	N.D.	2	<180000
Organic Tin(mg/kg)	N.D.	N.D.	0.2	<12
Zinc(Zn)(mg/kg)	N.D.	N.D.	10	<46000
Conclusion	Pass	Pass	/	/

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Test Item(s)	Result(s)	MDL	Requirement
	010		
Alumium(Al)(mg/kg)	N.D.	10	<70000
Antimony (Sb)(mg/kg)	N.D.	2	<560
Arsenic (As)(mg/kg)	N.D.	0.9	<47
Barium (Ba)(mg/kg)	N.D.	5	<18750
Boron(B)(mg/kg)	N.D.	5	<15000
Cadmium (Cd)(mg/kg)	N.D.	0.3	<17
Chromium(III)(mg/kg)	N.D.	2	<460
Chromium(VI)(mg/kg)	N.D.	0.005	<0.053
Cobalt (Co)(mg/kg)	N.D.	2	<130
Copper (Cu)(mg/kg)	N.D.	10	<7700
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Strontium(Sr)(mg/kg)	N.D.	5	<56000
Tin(Sn)(mg/kg)	N.D.	2	<180000
Organic Tin(mg/kg)	N.D.	0.2	<12
Zinc(Zn)(mg/kg)	N.D.	10	<46000
Conclusion	Pass	/	/

Note:N.D. = Not detected; MDL = Method detection limit

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Tested Sample/Part Description

Sample No.	Tested Sample/Part Description
001	Educational toys
002	Dark green plastic (educational toys)
003	Blue plastic (educational toys)
004	Orange plastic (educational toys)
005	Orange red plastic (educational toys)
006	Yellow plastic (educational toys)
007	Light green plastic (educational toys)
008	Purple plastic (educational toys)
009	Red plastic (educational toys)
010	Black plastic (educational toys)

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Photo of Sample



*** End of Report ***

The test report is effective only with both signature and specialized stamp. The result(s) shown in this report refer only to the sample(s) tested. Lab will not be responsible for the authenticity of the sample information submitted and identified by/on the behalf of the applicant. Without written approval of IMPAQ, this report can't be reproduced except in full.