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LEADING EDGE NOVELTY, INC.
33 NORTH MALL PLAINVIEW, NY 11803

The following samples were submitted and identified by/on behalf of the client as:

存钱箱

Sample Quantity : 30 PCS

Item No. : GD502 GD503

Buyer : STUARTLEVITT(USA)

Country of Origin : CHINA

Labeled Age Grading : AGES 5 AND UP
Requested Age Grading : NOT STATED
Age Group Assessed As Per Age : OVER 5 YEARS

Guideline

Age Group Applied in Testing : OVER 5 YEARS Sample Receiving Date : AUG 18, 2016

Testing Period : AUG 18, 2016 TO AUG 29, 2016





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Test Re	Conclusion	
1.	For compliance with the test requirement of ASTM F963-11 Standard Consumer Safety Specification on Toy Safety.	
	ASTM F963-11 Standard Consumer Safety Specification for Toy Safety	PASS
2.	Tracking label per Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.	SEE RESULT PAGE

******* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ********

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center Hardlines

Feng Shaohong, Jessica Lab Manager





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Results:

ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u> 4	<u>Description</u> Safety Requirements	Result
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	Pass (See Result Page)
4.3	Toxicology	
4.3.5	Heavy Elements	
	4.3.5.1 Heavy Elements in Paint/Similar Surface Coating Materials	<u>Pass</u> (See Result Page)
	4.3.5.2 Heavy Metal in Substrate Materials	<u>Pass</u> (See Result Page)
4.5	Sound-Producing Toys	<u>Pass</u>
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.11	Nails and Fasteners	<u>Pass</u>
4.13.2	Hinge-Line Clearance	<u>N/A</u>
	(Remark: Not applicable because of the weight of part link with hinge is less than 0.5lb.)	
4.25	Battery-Operated Toys	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.16	Promotional Materials	<u>Pass</u>
6	Instructional Literature	
6.5	Battery-Operated Toys	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>
8.10	Compression Test	<u>Pass</u>

^{**}Visual Examination



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Result Page:

Flammability Test (Clause 4.2) Flammability Test on Solid

SampleBurning Rate (inch/sec)存钱箱0.02

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-

sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-11, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials

Method: With reference to CPSC-CH-E1003-09.1

Method: With reference to ASTM F963-11 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)							
MDL (ppm)							
Total Limit (ppm)							
Specimen Description Alias Tracing No. No.							
Matt-black coating (Dog) + Pink coating (Tongue) + Green (Lettering) w/ dark green, orange (Box) coating on plastic	3	1	ND				
2. Bright black coating (Dog, eye) + Brown coating (Dog) + Brown-red coating (Ear, tail, nose)	3	2	ND				
3. White flocking w/ glue (Panda, cat) + Coffee flocking w/ glue (Ear, palm) + Dark black coating (Lettering)	3	3	ND				
4. Black flocking w/ glue + Brown flocking w/ glue & Pink flocking w/ glue (Cat)	3	4	ND				



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Soluble Heavy Metal Content

Test Item(s)			Pb	Sb	As	Ва	Cd	Cr	Hg	Se	
MDL (ppm)			5	5	2.5	10	5	5	5	10	
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen Alias Tracing Mass of trace amount (mg)				Adjusted Migration Result(s) (ppm)							
1	1	10	36.0	ND	ND	ND	ND	ND	ND	ND	ND
2	1	11	21.2	ND	ND	ND	ND	ND	ND	ND	ND
3	1	12	10.7	ND	ND	ND	ND	ND	ND	ND	ND
4	1	13	41.0	ND	ND	ND	ND	ND	ND	ND	ND
5	1	14	37.8	ND	ND	ND	ND	ND	ND	ND	ND
6	1	15	27.6	ND	ND	ND	ND	ND	ND	ND	ND
7	1	16	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	17	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	18	/	ND	ND	ND	ND	ND	ND	ND	ND
10	1	21	11.9	ND	ND	ND	ND	ND	ND	ND	ND
11	1	22	14.6	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

- 1. Matt-black coating (Dog)
- 2. Pink coating (Tongue)
- 3. Green coating (Lettering)
- 4. Bright black coating (Dog, eye)
- 5. Brown coating (Dog)
- 6. Brown-red coating (Ear, tail, nose)
- 7. White flocking w/ glue (Panda, cat)
- 8. Black flocking w/ glue
- 9. Brown flocking w/ glue
- 10. Coffee flocking w/ glue (Ear, palm)
- 11. Dark black coating (Lettering)

Note: - ppm = parts per million

- $-1\% = 10000 \text{ mg/kg} = 10000 \text{ ppm} = 10000 \text{ } \mu\text{g/g}$
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- Migration results of eight elements shown are of the adjusted analytical results
- The result(s) is (are) calculated using the minimum specimen weight for composite test.
- As received, test portion of pink flocking w/ glue (Cat), Dark green, orange coating on plastic (Box) is(are) less than 10 mg, therefore such component(s) was(were) not tested for certain migration elements, as specified in ASTM F963-11 Clause 8.3.3.6 (2) Selection of Test Portions



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ASTM F963-11, Clause 4.3.5.2 – Heavy Elements in Substrate Materials

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Method (metal materials): With reference to CPSC-CH-E1001-08.3

Method: With reference to ASTM F963-11 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)							
MDL (ppm)							
Total Limit (ppm)							
Specimen Description	Tracing No.	Result(s) (ppm)					
Brown plastic (Base) + Light grey plastic (Bowl, switch) + White plastic (Dog)	2	1	ND				
Transparent plastic (Eye) + Light brown plastic (Dog) + Cream plastic (Dog)	2	2	ND				
Laminated paper label w/ multi-color printing + Black plastic (Switch) + Snow-white plastic (Button, base)	2	3	ND				
4. Brown plastic (Cat) + Pink soft plastic (Cat)	2	4	ND				
5. Silvery metal big screw (Tail)	4	1	ND				
6. Silvery metal screw (Bowl)	4	2	ND				
7. Silvery metal screw (Mouth)	4	3	ND				



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Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ва	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) Other Than Modeling Clays			90	60	25	1000	75	60	60	500	
Migration Limit (ppm) Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Addition Midration Recuit(s) (nnm)							
1	1	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	1	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	1	3	/	ND	ND	ND	ND	ND	ND	ND	ND
4	1	4	/	ND	ND	ND	ND	ND	ND	ND	ND
5	1	5	/	ND	ND	ND	ND	ND	ND	ND	ND
6	1	6	/	ND	ND	ND	ND	ND	ND	ND	ND
7	1	7	/	ND	ND	ND	ND	ND	ND	ND	ND
8	1	8	/	ND	ND	ND	ND	ND	ND	ND	ND
9	1	9	/	ND	ND	ND	ND	ND	ND	ND	ND
10	1	19	/	ND	ND	ND	ND	ND	ND	ND	ND
11	1	20	/	ND	ND	ND	ND	ND	ND	ND	ND



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Specimen Description:

- Brown plastic (Base)
- Light grey plastic (Bowl, switch)
- White plastic (Dog)
- Transparent plastic (Eye)
- 5. Light brown plastic (Dog)
- 6. Cream plastic (Dog)
- Laminated paper label w/ multi-color printing
- 8. Black plastic (Switch)
- 9. Snow-white plastic (Button, base)
- 10. Brown plastic (Cat)
- 11. Pink soft plastic (Cat)

Note: ppm = parts per million

- 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
- MDL = Method Detection Limit
- ND = Not Detected (lower than MDL)
- Migration results of eight elements shown are of the adjusted analytical results
- The result(s) is (are) calculated using the minimum specimen weight for composite test.



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As specified in Consumer Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking labels for children's products.

- Tracking label found on the packaging:
 - 1) Name: Leading edge novelty INC.
- 2) Location: Made in china
- 3) Date: 072616/K-0716
- 4) Cohort information: 072616/K-0716
- Tracking label found on the product:
- 1) Name: Leading edge novelty INC.
- 2) Location: mfg in shenzhen, china
- 3) Date: 072616/K-0716
- 4) Cohort information: 072616/K-0716

Note: The tracking label assessment was based on the submitted samples and the information provided by the applicant. There was no verification on the validity of such information.

N.B.: - Only applicable clauses were shown.



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Sample Picture (As received)

Pic.1





Pic.3



SGS authenticate the photo on original report only

*** End of Report ***

