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Report No.: BKKH21008846

Issued Date: Aug 31, 2021

### **Sample Submitted:**

Quantity of sample: Three (3) sets
Sample description: Wooden toy
Date sample received: July 13, 2021
Date Information resubmitted: July 16, 2021

#### **Client Information:**

Item Name: 1. WOODS DILEMMA 40136 GOLF BALL DILEMMA

2. ATM PUZZLE 46266 CURRENCY VAULT (ATM)

3. MAGIC BOX 42758 MAGIC MONEY BOX

4. MONEY HOLDER 32355 GIFT CARD ATM BOX

Label Age grading: 3+

Supplier Name: Dilemma Games Ltd./ 63/2 Moo 3 Nongharn Sub-District

Sansai District Chiangmai Thailand 50290

Country of Origin: Thailand

\*\*\*\*\*\*\*\*\*\*\*\*\*\*

To be continued

For and on behalf of:

Intertek Testing Services (Thailand) Ltd.,

Hardlines Laboratory

Ladtaka Wongwiboonporn Operation Manager

Hardlines Department





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Test conducted:

As requested by the applicant, for details please refer to attached page(s)





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<u>Tested samples</u> Submitted sample(s)	Standard ASTM F963-17 - Physical and mechanical tests	Result Pass
	ASTM F963-17 - Flammability test of materials other than textile materials	Pass
	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302 - Mechanical and physical test excluding section 3	Pass
	CanadaConsumerProductSafetyActToysRegulations SOR/2011-17 section 21 with amendment SOR/2016-195 and SOR/2016-302 - Celluloid or cellulose nitrate	Pass
	ASTM F963-17 - Heavy Elements Test	Pass
	U.S.Consumer product safety improvement Act 2008 (H.R. 4040) Title I, Section 101 For total lead content in surface coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 (H.R. 4040) Title I, Section 101 for total Lead Content in Non-surface coating material (substrate)	Pass
	US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
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#### Conclusion:

Tested samples

Standard
Canada Consumer Product Safety Act Toys Regulations
SOR/2011-17 Section 23 and amendment SOR/2016-195
for toxic elements test

Canada Consumer Product Safety Act Toys Regulations
SOR/2016-193
- Total Lead and Mercury on surface coating

Canada Consumer Product Safety Act Toys Regulations
SOR/2018-83
- Total Lead insubstrate

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Report No.: BKKH21008846

#### Test conducted:

### 1 Physical and MechanicalTests

1.1 WOODS DILEMMA 40136 GOLF BALL DILEMMA

Test Standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's specified testing age: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardou's Substances Act (FHSA), Title 16, Code of Federal Regulations:

 Test
 FHSA
 Parameter

 Drop test
 Section 1500.53(b)
 4 x 3.0 ft

 Torque test
 Section 1500.53(e)
 4 in-lbf

 Tension test
 Section 1500.53(f)
 15 lbf

 Compression test
 Section 1500.53(g)
 30 lbf

<u>Clause</u>	Testing items	<u>Assessment</u>
4.1	Material quality	Р
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2▲	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	Р
4.8	Projections	NA
4.9	Accessible points	Р
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, straps and elastics	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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#### Test conducted:

<u>Clause</u>	Testing items	<u>Assessment</u>
4.20	Pacifiers	NA
(4.20.1▲)		
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25 (4.25.10 <sup>▲</sup> , 4.25.11 <sup>▲</sup> )	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
4.29	Art materials	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	Р
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37▲	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	Р
6	Instructional literature	Р
7	Producer's markings - name of distributor (package)	Yes
	- address (package)	Yes

Remark: P=Pass

NA= Not applicable

= Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.







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Report No.: BKKH21008846

Test conducted:

Testing period : July 16, 2021 to August 24, 2021







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Report No.: BKKH21008846

Test conducted:

Physical and Mechanical Tests 1.2 ATM PUZZLE 46266 CURRENCY VAULT (ATM)

Test Standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's specified testing age: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

**FHSA Test** <u>Parameter</u> Drop test Section 1500.53(b) 4 x 3.0 ft Torque test Section 1500.53(e) 4 in-lbf Tension test Section 1500.53(f) 15 lbf 30 lbf Compression test Section 1500.53(g)

<u>Clause</u>	Testing items	<u>Assessment</u>
4.1	Material quality	Р
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2▲	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	Р
4.8	Projections	NA
4.9	Accessible points	Р
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, straps and elastics	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
4.20 (4.20.1 <sup>*</sup> )	Pacifiers	NA







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Report No.: BKKH21008846

#### Test conducted:

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25 (4.25.10▲, 4.25.11▲)	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
4.29	Art materials	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▲	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	Р
6	Instructional literature	Р
7	Producer's markings - name of distributor (package)	Yes
	- address (package)	Yes

Remark: P=Pass

NA= Not applicable

= Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys which ever is applicable.

Testing period: July 16, 2021 to August 06, 2021







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Report No.: BKKH21008846

Test conducted:

Physical and Mechanical Tests 1.3 MAGIC BOX 42758 MAGIC MONEY BOX

Test Standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's specified testing age: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

Test	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Clause</u>	Testing items	<u>Assessment</u>
4.1	Material quality	Р
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2▲	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	Р
4.7	Accessible edges	NA
4.8	Projections	NA
4.9	Accessible points	Р
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, straps and elastics	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
4.20 (4.20.1 <sup>*</sup> )	Pacifiers	NA







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Report No.: BKKH21008846

#### Test conducted:

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25 (4.25.10▲, 4.25.11▲)	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
4.29	Art materials	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▲	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	Р
6	Instructional literature	Р
7	Producer's markings - name of distributor (package)	Yes
	- address (package)	Yes

Remark: P=Pass

NA= Not applicable

= Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys which ever is applicable.

Testing period: July 16, 2021 to August 24, 2021







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Report No.: BKKH21008846

Test conducted:

### Physical and Mechanical Tests 1.4 MONEY HOLDER 32355 GIFT CARD ATM BOX

Test Standard: ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Applicant's specified testing age: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations: -

**FHSA Test** <u>Parameter</u> Drop test Section 1500.53(b) 4 x 3.0 ft Torque test Section 1500.53(e) 4 in-lbf Tension test Section 1500.53(f) 15 lbf 30 lbf Compression test Section 1500.53(g)

Clause	Testing items	Assessment
4.1	Material quality	Р
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2▲	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	Р
4.8	Projections	NA
4.9	Accessible points	Р
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, straps and elastics	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
4.20 (4.20.1▲)	Pacifiers	NA







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#### Test conducted:

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25 (4.25.10 <sup>▲</sup> , 4.25.11 <sup>▲</sup> )	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
4.29	Art materials	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▲	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	Р
6	Instructional literature	Р
7	Producer's markings - name of distributor (package)	Yes
	- address (package)	Yes

Remark: P=Pass

NA= Not applicable

= Tested items are not included in the TISI Accreditation

The submitted samples were undergone the tests in accordance with clause 8.5 through clause 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys which ever is applicable.

Testing period: July 16, 2021 to August 06, 2021







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Report No.: BKKH21008846

Test conducted:

2 Flammability Test

2.1 WOODS DILEMMA 40136 GOLF BALL DILEMMA

Test Standard: Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Result: Did not ignite

Testing period: July 16, 2021 to July 21, 2021

2.2 ATM PUZZLE 46266 CURRENCY VAULT (ATM)

Test Standard: Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

				Actual	Rounded burn	
Sample	Ignition point	Burn length	Time	burn rate	rate	Limit
		(inch)	(sec)	(inch/sec)	(inch/sec)	(inch/sec)
Acrylic	Bottom to top	0.7	60	0.01	-	0.10

The above result only showed the most severe burn rate of the samples and components.

Testing period: July 16, 2021 to July 21, 2021

2.3 MAGIC BOX 42758 MAGIC MONEY BOX

Test Standard: Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Result: Did not ignite

Testing period: July 16, 2021 to July 21, 2021

2.4 MONEY HOLDER 32355 GIFT CARD ATM BOX

Test Standard: Clause 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

Sample	Ignition point	Burn length (inch)	Time (sec)	Actual burn rate (inch/sec)	Rounded burn rate (inch/sec)	Limit (inch/sec)
		(111011)	(300)	(111011/300)	(111011/1000)	(111011/300)
Acrylic	Bottom to top	0.6	60	0.01	-	0.10

The above result only showed the most severe burn rate of the samples and components.







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Report No.: BKKH21008846

#### Test conducted:

#### 3 Physical and Mechanical Test 3.1 WOODS DILEMMA 40136 GOLF BALL DILEMMA

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302

Applicant's specified age group for testing: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302:

**Parameter Test** 

4 x 0.909 m. Droptest

**Pulltest** 42.5 N. **Pushtest** 42.5 N.

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	NA
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	NA
8	Metal edges	Р
9	Wire frames	NA
10	Plastic edges	NA
11	Wooden surfaces, edges and corners	Р
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight o f a child	NA
19	Noise limit	NA
20	Heated surfaces, parts or substances	NA
28	Fastenings to attach parts, clothing or orna mentation	NA
29	Stuffing materials	NA
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA





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### Test conducted:

No.	Testing Items	Assessment
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Pull and push toys that has a shaft -like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	NA
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark: P=Pass NA = Not Applicable

Testing period: July 16, 2021 to August 24, 2021





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Report No.: BKKH21008846

Test conducted:

Physical and Mechanical Test 3.2 ATM PUZZLE 46266 CURRENCY VAULT (ATM)

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302

Applicant's specified age group for testing: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302:

**Parameter Test** 

4 x 0.909 m. Droptest

**Pulltest** 42.5 N. **Pushtest** 42.5 N.

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	NA
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	NA
8	Metal edges	Р
9	Wire frames	NA
10	Plastic edges	Р
11	Wooden surfaces, edges and corners	Р
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
19	Noise limit	NA
20	Heated surfaces, parts or substances	NA
28	Fastenings to attach parts, clothing or ornamen tation	NA
29	Stuffing materials	NA
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA





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Report No.: BKKH21008846

### Test conducted:

No.	Testing Items	Assessment
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Pull and push toys that has a shaft -like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	NA
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark: P=Pass NA = Not Applicable

Testing period: July 16, 2021 to August 06, 2021





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Report No.: BKKH21008846

Test conducted:

Physical and Mechanical Test 3.3 MAGIC BOX 42758 MAGIC MONEY BOX

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302

Applicant's specified age group for testing: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302:

**Parameter Test** 

4 x 0.909 m. Droptest

**Pulltest** 42.5 N. **Pushtest** 42.5 N.

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA NA
4	Packaging	NA NA
5	Electrically operated toys	NA NA
6	Electrically heated toys	NA NA
7	Small parts	NA NA
8	Metal edges	NA NA
9	Wire frames	NA NA
10		
	Plastic edges	NA P
11	Wooden surfaces, edges and corners	·
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	
18	Stationary toy that is intended to bear the weight of a child	NA
19	Noise limit	NA
20	Heated surfaces, parts or substances	NA
28	Fastenings to attach parts, clothing or ornamen tation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA





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Report No.: BKKH21008846

### Test conducted:

No.	Testing Items	Assessment
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing materia I	NA
37	Pull and push toys that has a shaft -like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	NA
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark:P=Pass NA = Not Applicable

Testing period: July 16, 2021 to August 24, 2021





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Report No.: BKKH21008846

Test conducted:

Physical and Mechanical Test 3.4 MONEY HOLDER 32355 GIFT CARD ATM BOX

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302

Applicant's specified age group for testing: For ages over 3 years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendment SOR/2016-195 and SOR/2016-302:

**Parameter Test** 

4 x 0.909 m. Droptest

**Pulltest** 42.5 N. **Pushtest** 42.5 N.

<u>No.</u>	Testing Items	<u>Assessment</u>
3	General - English and French bilingual statement	NA
4	Packaging	NA
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	NA
8	Metal edges	Р
9	Wire frames	NA
10	Plastic edges	Р
11	Wooden surfaces, edges and corners	Р
12	Glass	NA
13	Fasteners	NA
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	NA
19	Noise limit	NA
20	Heated surfaces, parts or substances	NA
28	Fastenings to attach parts, clothing or ornamen tation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA
31	Eyes and noses	NA





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Report No.: BKKH21008846

### Test conducted:

No.	Testing Items	Assessment
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Pull and push toys that has a shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	NA
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Batteries	NA

Remark: P=Pass NA = Not Applicable

Testing period: July 16, 2021 to August 06, 2021

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#### Test conducted:

### Cellulose Nitrate and Celluloid

4.1 WOODS DILEMMA 40136 GOLF BALL DILEMMA

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011 -17 section 21 with amendment SOR/2016-195 and SOR/2016-302

	<u>Assessment</u>	Requirement
Cellulose Nitrate/Celluloid	Absent	Absent

Testing period: July 16, 2021 to July 21, 2021

### Cellulose Nitrate and Celluloid

4.2 ATM PUZZLE 46266 CURRENCY VAULT (ATM)

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011 -17 section 21 with amendment SOR/2016-195 and SOR/2016-302

	Assessment	<u>Requirement</u>
Cellulose Nitrate/Celluloid	Absent	Absent

Testing period: July 16, 2021 to July 21, 2021

#### Cellulose Nitrate and Celluloid

4.3 MAGIC BOX 42758 MAGIC MONEY BOX

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendment SOR/2016-195 and SOR/2016-302

	Assessment	<u>Requirement</u>
Cellulose Nitrate/Celluloid	Absent	Absent

Testing period: July 16, 2021 to July 21, 2021

#### Cellulose Nitrate and Celluloid

4.4 MONEY HOLDER 32355 GIFT CARD ATM BOX

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011 -17 section 21 with amendment SOR/2016-195 and SOR/2016-302

	Assessment	Requirement
Cellulose Nitrate/Celluloid	Absent	Absent







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Report No.: BKKH21008846

#### Test conducted:

### 5 Heavy Elements Analysis

As per clause 8.3.2, 8.3.3, 8.3.4 with reference to clause 4.3.5.1(2) and clause 8.3.5 with reference to clause 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, acid extraction method was used and heavy elements migration content were determined by ICP-OES analysis.

Test	Result (mg/kg)				LOD	LOQ	<u>Limit</u>
rest	(1)	(2)	(3)	(4)	(mg/kg)	(mg/kg)	(mg/kg)
Sol. Barium (Ba)	ND	ND	<5	<5	1	5	1000
Sol. Lead (Pb)	ND	ND	ND	ND	1	5	90
Sol. Cadmium (Cd)	ND	ND	ND	ND	1	5	75
Sol. Antimony (Sb)	ND	ND	ND	ND	2	5	60
Sol. Selenium (Se)	ND	ND	ND	ND	1	5	500
Sol. Chromium (Cr)	ND	ND	ND	ND	2	5	60
Sol. Mercury (Hg)	ND	ND	ND	ND	1	5	60
Sol. Arsenic (As)	ND	ND	ND	ND	2	5	25

Note: The results were adjusted by subtracting analytical correction factor.

Sol. = Soluble

mg/kg = Milligramperkilogrambasedonweight of sample; = ppm = Parts per million

< = Less than

LOD = Limit of Detection LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

#### **Tested Components:**

- (1) = Clear Acrylic Plastic Sheet
- (2) = White plastic (Golf Ball)
- (3) = Clear Surface Coating (Lacquer + Sealer)
- (4) = Clear Surface Coating (Lacquer + Oil)







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#### Test conducted:

### Total Lead (Pb) Content

As per clauses 8.3.1 with reference to clause 4.3.5.1(1) and clause 4.3.5.2(2)(a) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, test method CPSC-CH-E1001-08.3:2012, CPSC-CH-E1002-08.3:2012 and CPSC-CH-E1003-09.1:2011 were used and total Lead content was determined by ICP-OES analysis.

### (I) Surface coating

Tested Component	Result (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(3)	ND	2	13	90
(4)	ND	2	13	90

### (II) Non-surface coating

Tested Component	Result (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	Limit (mg/kg)
(1)	ND	1	13	100
(2)	ND	1	13	100
(5)	ND	2	13	100

mg/kg = Milligram per kilogram based on weight of sample;

LOD = Limit of Detection LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

### **Tested Components:**

(1) = Clear Acrylic Plastic Sheet

(2) = White plastic (Golf Ball)

(3) = Clear Surface Coating (Lacquer + Sealer)

(4) = Clear Surface Coating (Lacquer + Oil)

(5) = Silver Steel

Testing period: July 16, 2021 to July 19, 2021

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#### Test conducted:

### 6 Total Lead (Pb) Content in Surface Coating

As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1003-09.1:2011 method was used and total Lead content was determined by ICP-OES analysis.

Tested component	Result (mg/kg)	LOD (mg/kg)	<u>LOQ</u> (mg/kg)	<u>Limit</u> (mg/kg)
(3)	ND	2	13	90
(4)	ND	2	13	90

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million

ND = Not detected (Less than LOD)

LOD = Limit of Detection LOQ = Limit of Quantitation

### Tested component:

(3) = Clear Surface Coating (Lacquer + Sealer)

(4) = Clear Surface Coating (Lacquer + Oil)





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#### Test conducted:

7 Total Lead (Pb) Content in Substrate Material - Non- Metal Children's Product As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1002-08.3:2012 method was used and total Lead content was determined by ICP-OES analysis.

Tested component	Result (mg/kg)	LOD (mg/kg)	<u>LOQ</u> (mg/kg)	<u>Limit</u> (mg/kg)
(1)	ND	1	13	100
(2)	ND	1	13	100

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million

= Not detected (Less than LOD) ND

LOD = Limit of Detection LOQ = Limit of Quantitation

Tested component:

(1) = Clear Acrylic Plastic Sheet

(2) = White plastic (Golf Ball)







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#### Test conducted:

8 Total Lead (Pb) Content in Substrate Material - Children's Metal Product As per U.S. Consumer Product Safety Improvement Act of 2008 (H.R. 4040), Title I, Section 101 for children's products containing Lead, CPSC-CH-E1001-08.3:2012 method was used and total Lead content was determined

by ICP-OES analysis.

Tested component	Result	LOD	<u>LOQ</u>	<u>Limit</u>
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
(5)	ND	2	13	100

Remark: mg/kg = Milligram per kilogram based on weight of sample; = ppm = Parts per million

= Not detected (Less than LOD) ND

= Limit of Detection LOD LOQ = Limitof Quantitation

Tested component: (5) = Silver Steel







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#### Test conducted:

### 9 Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4:2018 was used and phthalate content was determined by GC -MS analysis.

Nο	No. Substances		<u>Result</u>			<u>LOD</u>	<u>LOQ</u>	(16CFR1307)
140.	Castanoco	(%, w/w)			(%,w/w)	(%,w/w)	Limit (%, w/w)	
		(1)	(2)	(3)	(4)			<u>(max.)</u>
1)	Dibutyl phthalate (DBP)	ND	ND	ND	ND	0.0015	0.0030	0.1
2)	Diethyl hexyl phthalate (DEHP)	ND	ND	ND	ND	0.0015	0.0030	0.1
3)	Benzyl butyl phthalate (BBP)	ND	ND	ND	ND	0.0015	0.0030	0.1
4)	Diisononyl phthalate (DINP)	ND	ND	ND	ND	0.0015	0.0090	0.1
5)	Di-isobutyl phthalate (DIBP)	ND	ND	ND	ND	0.0015	0.0030	0.1
6)	Di-n-pentylphthalate (DPENP)	ND	ND	ND	ND	0.0015	0.0030	0.1
7)	Di-n-hexyl phthalate (DHEXP)	ND	ND	ND	ND	0.0015	0.0030	0.1
8)	Di-cyclohexyl phthalate (DCHP)	ND	ND	ND	ND	0.0015	0.0030	0.1

Remark: The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children's

Toys and Child Care Articles Containing Specified Phthalates.

%, w/w = Percentage weight by weight

LOD = Limit of Detection

LOQ = Limit of Quantitation

ND = Not detected (Less than LOD)

### Tested Component:

(1) = Clear Acrylic Plastic Sheet

(2) = White plastic (Golf Ball)

(3) = Clear Surface Coating (Lacquer + Sealer)

(4) = Clear Surface Coating (Lacquer + Oil)

Testing period: July 16, 2021 to August 31, 2021







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#### Test conducted:

### 10 Toxic Elements Analysis

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2016-195, acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Plasmamass Spectrometry.

Test		Res mg	<u>LOQ</u> (mg/kg)	<u>Limit in</u> mg/kg		
	(1)	(2)				
Total lead (Pb)	ND	ND	<10	<10	10	90
Total mercury (Hg)	ND	ND	ND	ND	10	ND
Sol. Barium (Ba)	ND	ND	<5	<5	5	1000
Sol. Cadmium (Cd)	ND	ND	<5	<5	5	1000
Sol. Antimony (Sb)	ND	ND	<5	<5	5	1000
Sol. Selenium (Se)	ND	ND	<5	<5	5	1000
Sol. Arsenic (As)	ND	ND	<5	<5	5	1000

Remark: mg/kg =Milligramperkilogram=ppm

Sol. = Soluble < = Less than

ND = Not detected (<10 mg/kg)

= Tested items are not included in the TISI Accreditation

### Tested component:

(1) = Clear Acrylic Plastic Sheet

(2) = White plastic (Golf Ball)

(3) = Clear Surface Coating (Lacquer + Sealer)

(4) = Clear Surface Coating (Lacquer + Oil)







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Report No.: BKKH21008846

#### Test conducted:

### 11 Total Lead (Pb) and Total Mercury Content

As per Canada Consumer Product Safety Act Toys Regulations SOR/2016-193,(surface coating) Pb+Hg acid digestion was used and Lead content, Mercury content was determined by ICP-OES analysis.

Tested component	Result (mg/kg)				LOQ (mg/kg)	<u>Limit</u> (mg/kg)
	(3)	(4)				
Total lead (Pb)	<10	<10	10	90		
Total mercury (Hg)	<10	<10	10	10		

Remark: mg/kg = Milligram per kilogram = ppm

< = Less than

LOD = Limit of Detection LOQ = Limit of Quantitation

### Tested component:

(3) = Clear Surface Coating (Lacquer + Sealer)

(4) = Clear Surface Coating (Lacquer + Oil)





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Number: BKKH21008846

#### Test conducted:

#### 12 Total Lead (Pb) Content

As per Canada Consumer Products Containing Lead Regulations SOR/2018-83, acid digestion was used and Lead content was determined by ICP-OES analysis.

Tested component	<u>Result</u> (mg/kg)	LOD (mg/kg)	LOQ (mg/kg)	<u>Limit</u> (mg/kg)
(1)	ND	1	13	90
(2)	ND	1	13	90
(5)	ND	2	13	90

Remark: mg/kg = Milligram per kilogram = ppm ND = Not detected (Less than LOD)

LOD = Limit of Detection LOQ = Limit of Quantitation

#### Tested component:

(1) = Clear Acrylic Plastic Sheet

(2) = White plastic (Golf Ball)

(5) = Silver Steel

Testing period: July 16, 2021 to July 19, 2021

END\* \*\*\*\*/ AC/SI/NK

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