


The following information was/were submitted and identified by/on behalf of the client:

Applicant : Enginuity LLC  
Address : 3629 Bryant St Palo Alto, CA 94306  
Sample Name : spicy dice  
Location of manufacture : Taixing, Jiangsu, China  
Sample Receive Date : Mar. 20, 2020  
Sample Resubmission Date : Mar. 30, 2020  
Sample Testing Period : Mar. 20, 2020 - Mar. 24, 2020 & Mar. 30, 2020 - Apr. 01, 2020  
Test Result Summary : Please refer to the next page(s)

# GIG

## ORIGINAL

Authorized signature:



Lab Manager: Gavin Zhou



May. 27, 2020

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

TEST ITEM(S)	TEST REQUESTED	CONCLUSION(S)
Mechanical and physical properties	Toy Safety - ASTM F963-17	PASS
Flammability	Toy Safety - ASTM F963-17	PASS
Physical Mechanical and Flammability Hazards	Toys Regulations - SOR/2011-17 and its amendment regulation SOR/2018-138	PASS
Migration of certain elements	Toy Safety - ASTM F963-17	PASS
Heavy metals content	Toys Regulations - SOR/2011-17 and its amendment regulation SOR/2016-195 & SOR/2012-71& SOR/2016-302	PASS
Lead(Pb) content	Toy Safety - ASTM F963-17	PASS
Lead(Pb) content	Consumer Product Safety Improvement Act of 2008 (CPSIA) (HR 4040) Section 101(a)(2) and the Amendment Act(HR 2715)	PASS
Lead(Pb) content	Consumer Product Safety Improvement Act of 2008 (CPSIA) (HR 4040) Section 101(f) and the Amendment Act (HR 2715)	PASS
Phthalates(DBP, BBP, DEHP, DINP, DIBP, DPENP, DHEXP, DCHP) content	The final rule (16 CFR 1307) issued by the U.S. Consumer Product Safety Commission (CPSC)	PASS
Phthalates(DBP, BBP, DEHP, DINP, DNOP, DIDP) content	Phthalates Regulations - SOR/2016-188	PASS

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**Test Result(s):**

**1. Mechanical and physical properties**

**Test Method:** ASTM F963-17

Labeled age grading : 6+ years  
 Applicant's specified age group for testing : 6+ years  
 Age grading for test : 6+ years

Clause	Test Items	Assessment
<b>4.</b>	<b>Safety Requirements</b>	
4.1	Material Quality	PASS
4.4	Electrical /Thermal Energy	NA
4.5	Sound Producing Toys	NA
4.6	Small Objects	NA
4.6.1	Toys that are intended for children under 36 months	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games that are intended for use by children who are at least three years old (36 months) but less than six years of age (72 months)	NA
4.7	Accessible Edges	PASS
4.7.1	Potentially hazardous sharp metal and glass edges	NA
4.7.2	Toys containing potentially hazardous edges that are a necessary part of the function of a toy	NA
4.7.3	Metal toys	NA
4.7.4	Molded toys	PASS
4.7.5	Exposed bolts or threaded rods	NA
4.8	Projections	NA
4.8.1	Bath Toy Projections	NA
4.9	Accessible Points	PASS
4.9.1	Potentially hazardous sharp points	PASS
4.9.2	Toys in which an accessible, potentially hazardous sharp point is a necessary function of the toy	NA
4.9.3	Wood	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
4.13.1	Folding Mechanisms	NA
4.13.2	Hinge-line clearance	NA
4.14	Cords, Straps, and Elastics	NA

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Clause	Test Items	Assessment
4.14.1	Cords, straps, and elastics in toys	NA
4.14.2	Self Retracting Pull Cords	NA
4.14.3	Pull Toys	NA
4.14.4	Strings and Lines for Flying Devices	NA
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	NA
4.14.6	Ride-on Toys	NA
4.15	Stability and Over-Load Requirements	NA
4.15.1	Stability of Ride-On Toys and Toy Seats	NA
4.15.2	Sideways Stability Requirements	NA
4.15.2.1	Sideways Stability	NA
4.15.2.2	Sideways Stability, Feet Unavailable for Stabilization	NA
4.15.3	Fore and Aft Stability	NA
4.15.4	Stability of Stationary Floor Toys	NA
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	NA
4.15.6	Wheeled Ride-on Toys	NA
4.16	Confined Spaces	NA
4.16.1	Ventilation	NA
4.16.2	Closures	NA
4.16.2.1	With the closure in a closed position	NA
4.16.3	Toys that Enclose the Head	NA
4.17	Wheels, Tires and Axles	NA
4.18	Holes, Clearance, and Accessibility of Mechanisms	NA
4.18.1	Accessible Clearances for Moveable Segments	NA
4.18.2	Circular Holes in Rigid Materials	NA
4.18.3	Chains and Belts	NA
4.18.3.1	Supporting Chains	NA
4.18.3.2	Chains or Belts for Ride-On Toys	NA
4.18.4	Inaccessibility of Mechanisms	NA
4.18.5	Winding Keys	NA
4.18.6	Coil Springs	NA
4.19	Simulated Protective Devices(such as helmets, hats, and goggles)	NA
4.19.1	Eye Protection	NA
4.19.2	Toys that simulate safety protective devices(examples include, but are not limited to, construction helmets and sports helmets)	NA
4.20	Pacifiers	NA
4.21	Projectile Toys	NA
4.21.1	All Projectiles	NA

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Clause	Test Items	Assessment
4.21.1.1	Projectiles with rigid leading edges	NA
4.21.1.2	Projectiles with a foam shaft and a suction cup as the leading edge	NA
4.21.1.3	Other types of projectiles with a suction cup as the leading edge	NA
4.21.2	Projectile Toys with Stored Energy	NA
4.21.2.1	Projectiles launched by discharge mechanisms with stored energy shall not, whatever their orientation, fit entirely into the small parts cylinder	NA
4.21.2.2	Any projectile that has a kinetic energy	NA
4.21.2.3	Projectiles shall not have a kinetic energy per unit area of contact	NA
4.21.2.4	The resilient leading edge(s) on projectiles that have a kinetic energy exceeding 0.08 J	NA
4.21.2.5	Projectiles shall not have any sharp edges or sharp points	NA
4.21.2.6	The discharge mechanisms shall be unable to launch the improvised projectiles	NA
4.21.3	Projectile Toys without Stored Energy	NA
4.21.3.1	Mouth actuated projectile toys	NA
4.21.3.2	Projectiles shall not have any sharp edges or sharp points	NA
4.21.3.3	Arrows intended to be launched from a bow (that is, bow and arrow set) that have a kinetic energy greater than 0.08 J	NA
4.21.3.4	Projectiles in the form of an arrow	NA
4.21.4	Rotors	NA
4.22	Teethers and Teething Toys	NA
4.22.1	Teethers and teething toys shall conform to the dimensional requirements	NA
4.22.2	In addition, teethers and teething toys incorporating nearly spherical, hemispherical, or circular flared ends	NA
4.22.3	Exclusion	NA
4.23	Rattles	NA
4.23.1	In addition to meeting the requirements	NA
4.24	Squeeze Toys	NA
4.24.1	Squeeze toys shall conform to the dimensional requirements	NA
4.25	Battery-Operated Toys	NA
4.25.1	The toy shall be marked permanently on the battery compartment or on the area immediately adjacent to the battery compartment to show the correct battery polarity using the polarity symbols "+" and "-".	NA
4.25.2	The maximum allowable direct current potential between any two accessible electrical points is 24 V nominal.	NA
4.25.3	Battery-operated toys shall be designed so that it is not possible to charge any non-rechargeable battery.	NA
4.25.4	For toys intended for children less than 3 years old, all batteries shall not be accessible before or after testing	NA

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Clause	Test Items	Assessment
4.25.5	For all toys, batteries that fit completely within the small parts test cylinder	NA
4.25.6	Batteries of different types or capacities shall not be mixed within any single electrical circuit	NA
4.25.7	The surfaces of the batteries shall not achieve temperatures exceeding 71°C	NA
4.25.8	No condition shall occur that would cause the toy to fail the temperature requirements of 4.25.7 or present a combustion hazard	NA
4.25.9	Battery-operated toys shall meet the requirements of 6.5 for instructions on safe battery usage	NA
4.25.10	Battery-Powered Ride-On Toys	NA
4.25.11	Toys that Contain Secondary Cells or Secondary Batteries	NA
4.26	Toys Intended to be Attached to a Crib or Playpen	NA
4.26.1	Protrusions	NA
4.26.2	Crib Mobiles	NA
4.26.3	Crib Gyms	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
4.32.1	Nearly spherical, hemispherical, circular flared, or dome-shaped ends of toys or components of toys	NA
4.32.2	Nearly spherical, hemispherical, or dome-shaped ends of toy fasteners (for example, nails, bolts, screws, pegs)	NA
4.32.3	Preschool Play Figures	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
4.40	Expanding Materials	NA
4.41	Toy Chests	NA
4.41.1	Lid Support	NA
4.41.2	Hinge Line Clearance	NA
4.41.3	Closures	NA

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Clause	Test Items	Assessment
4.41.4	Ventilation	NA
4.41.5	Toy chests shall comply with the requirements	NA
<b>5.</b>	<b>Safety Labeling Requirements</b>	
5.2	Age Grading Labeling	PASS
5.3	Safety Labeling Requirements	NA
5.4	Aquatic Toys	NA
5.5	Crib and Playpen Toys	NA
5.6	Mobiles	NA
5.7	Stroller and Carriage Toys	NA
5.8	Toys Intended to be Assembled By an Adult	NA
5.9	Simulated Protective Devices	NA
5.10	Toys with Functional Sharp Edges or Points	NA
5.11	Small Objects, Small Balls, Marbles, and Balloons	NA
5.12	Toy Caps	NA
5.13	Art Materials	NA
5.14	Electric Toys	NA
5.15	Battery-Operated Toys	NA
5.16	Promotional Materials	NA
5.17	Magnets	NA
<b>6.</b>	<b>Instructional Literature</b>	
6.1	Definition and Description	NA
6.2	Crib and Playpen Toys	NA
6.3	Mobiles	NA
6.4	Toys Intended to be Assembled By an Adult	NA
6.5	Battery-Operated Toys	NA
6.6	Battery Powered Ride-on Toys	NA
6.7	Toys in Contact with Food	NA
6.8	Toy Chests	NA
<b>7.</b>	<b>Producer's Markings</b>	
7.1	Either a principal component of a toy or the package of toy shall be marked with the name and address of the producer or the distributor	<b>See Note 2</b>
7.2	Battery-Powered Ride-on Toys	NA
7.3	Toy Chests	NA

**Note:** 1. NA = Not Applicable.  
2. There is no manufacturer name and address was found on the sample.

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## 2. Flammability

2.1. Flammability Test for solids and soft toys materials (CPSC 16 CFR 1500.44 & ASTM F963-17 Annex 5)  
As per section 4.2 of the ASTM F963-17

<u>Sample Name</u>	<u>Ignition point</u>	<u>Burn length (inch)</u>	<u>Time (sec)</u>	<u>Burn rate (inch/sec)</u>	<u>Limit (inch/sec)</u>	<u>Conclusion(s)</u>
spicy dice	/	/	/	/	0.10	PASS <sup>#</sup>

- Note:**
1. DNI = Did not ignite.
  2. IBE = Ignited but self-extinguished before burn-rate could be determined.
  3. All styles of the submitted toy samples (and its accessories) was/were tested, The above result only showed the most severe burn rate of the samples.
  4. ”#“= If the accessible components having a major dimension of 1 in. or less, test sample can be exemptions.

## 3. Physical Mechanical and Flammability Hazards

**Test Method:** SOR/2011-17 and its amendment regulation SOR/2018-138  
Toys Regulations

Labelled age grading : 6+ years  
Applicant's specified age group for testing : 6+ years  
Age grading for test : 6+ years

Clause	Test Item	Assessment
<b>General</b>		
3	English and French bilingual statement	See Note 2
<b>Packaging</b>		
4	Flexible film bags	NA
<b>Electrical Hazards</b>		
5	Electrically operated toys	NA
6	Electrically heated toys	NA
<b>Mechanical Hazards</b>		
7	Small parts	NA
8	Metal edges	NA
9	Wire frames	NA

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Clause	Test Item	Assessment
10	Plastic edges	PASS
11	Wooden surfaces, edges and corners	NA
12	Glass	NA
13	Fasteners	NA
14	Folding mechanisms, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile component, other than a rocketry component	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Toys which are stationary and intended to bear the weight of a child	NA
	<b>Auditory Hazards</b>	
19	Decibel limit	NA
	<b>Thermal and Flammability Hazards</b>	
20	Heated surfaces, parts or substances	NA
21	General, Celluloid or cellulose nitrate	PASS
	<b>Specific Products – Dolls, Plush Toys and Soft Toys</b>	
28	Fastenings to attach parts, clothing or ornamentation in dolls, plush toys and soft toys	NA
29	Stuffing materials used in dolls, plush toys and soft toys	NA
30	Squeaker, reed, valve or other similar device of dolls, plush toys and soft toys	NA
31	Eyes or nose attached to dolls, plush toys and soft toys	NA
32	Doll, plush toy or soft toys with a textile or natural fur surface	NA
33	Doll, plush toy or soft toys with a yarn surface	NA
34	Hair or mane, or simulated hair or mane of a doll, plush toy or soft toy	NA
	<b>Plant Seeds</b>	
35	Plant seeds-noise	NA
36	Plant seeds-stuffing material	NA
	<b>Pull and Push Toys</b>	
37	Shaft-like handles	NA
	<b>Toy Steam Engines</b>	
38	Boilers-safety valves	NA
	<b>Finger paints</b>	
39	Water-based paints	NA
	<b>Rattles</b>	
40	Construction	NA
	<b>Elastics</b>	
41	Length or extensibility	NA

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# Test Report

Report No.: GNBC20031011EN

Date: May. 27, 2020

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Clause	Test Item	Assessment
	<b>Yo-yo type balls</b>	
42	Stretchable cords	NA
	<b>Magnetic Toys</b>	
43	Magnetic force	NA

- Note:**
1. NA = Not Applicable.
  2. The French information was not found on the tested sample.



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**Test Sample Description:**

Material No.	Material Description
<u>01</u>	Blue plastic part (dice)
<u>02</u>	Purple plastic part (dice)
<u>03</u>	Yellow plastic part (dice)
<u>04</u>	Black plastic part (dice)
<u>05</u>	Red coating (dice)
<u>06</u>	White coating (dice)
<u>07</u>	White paper with mixed color coating (score book body)
<u>08</u>	White paper with mixed color coating (score book the last three page)
<u>09</u>	Black textile bag body

**4. Migration of certain elements**
**Test Method:** ASTM F963-17

Test item	Limit	Unit	RL	Result(s)			
				<u>01</u>	<u>02</u>	<u>03</u>	<u>04</u>
Soluble Antimony (Sb)	60	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	25	mg/kg	2.5	N.D.	N.D.	N.D.	N.D.
Soluble Barium (Ba)	1000	mg/kg	10	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	75	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (Cr)	60	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	90	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Mercury (Hg)	60	mg/kg	5	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	500	mg/kg	10	N.D.	N.D.	N.D.	N.D.
<b>Conclusion(s)</b>				PASS	PASS	PASS	PASS

Test item	Limit	Unit	RL	Result(s)				
				<u>05</u>	<u>06</u>	<u>07</u>	<u>08</u>	<u>09</u>
Soluble Antimony (Sb)	60	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.
Soluble Arsenic (As)	25	mg/kg	2.5	N.D.	N.D.	N.D.	N.D.	N.D.
Soluble Barium (Ba)	1000	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.
Soluble Cadmium (Cd)	75	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.
Soluble Chromium (Cr)	60	mg/kg	5	22	N.D.	N.D.	N.D.	N.D.
Soluble Lead (Pb)	90	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.

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Test item	Limit	Unit	RL	Result(s)				
				05	06	07	08	09
Soluble Mercury (Hg)	60	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.
Soluble Selenium (Se)	500	mg/kg	10	N.D.	N.D.	N.D.	N.D.	N.D.
<b>Conclusion(s)</b>				PASS	PASS	PASS	PASS	PASS

- Note:**
- 1000mg/kg = 0.1%;
  - RL = Report Limit;
  - N.D. = Not Detected (<RL).

## 5. Heavy Metals content according to SOR/2011-17

### 5.1. Total Mercury(Hg) content and Soluble Heavy metals

#### Test Method:

Soluble Heavy metals: The sample was prepared according to Method C-03, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Total Mercury(Hg) content: The sample was prepared according to Method C-07, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Elements	Sol. Sb	Sol. As	Sol. Ba	Sol. Cd	Sol. Se	Total Hg	Conclusion(s)
Limit (mg/kg)	1000	1000	1000	1000	1000	10	
MDL (mg/kg)	10	10	10	10	10	10	
Material No.	Result(s) (mg/kg)						
05	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
06	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
07	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
08	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
- 1000mg/kg = 0.1%;
  - N.D. = Not Detected (<MDL);
  - MDL = Method Detection Limit;
  - Sol. = Soluble.

## 5.2. Total Lead content

### Test Method:

For Surface Coating: The sample was prepared according to Method C-02.2, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

For Plastics: The sample was prepared according to Method C-02.3, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

<u>Material No.</u>	<u>Lead(Pb)</u>				<u>Conclusion(s)</u>
	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>	
<u>05+06</u>	mg/kg	10	90	N.D.	PASS
<u>07</u>	mg/kg	10	90	N.D.	PASS
<u>08</u>	mg/kg	10	90	N.D.	PASS

- Note:**
1. 1000mg/kg = 0.1%;
  2. MDL = Method Detection Limit;
  3. N.D. = Not Detected (<MDL);
  4. For sample(s) 01+02, 03+04 and 05+06, composite test has been performed as per client's request and the test result is the overall result.

## 6. Lead(Pb) content in substrate materials according to CPSIA & ASTM F963-17

Test Method: CPSC-CH-E1002-08.3

<u>Material No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
<u>01+02</u>	mg/kg	10	100	N.D.	PASS
<u>03+04</u>	mg/kg	10	100	N.D.	PASS
<u>07</u>	mg/kg	10	100	N.D.	PASS
<u>08</u>	mg/kg	10	100	N.D.	PASS
<u>09</u>	mg/kg	10	100	N.D.	PASS

- Note:**
1. 1000mg/kg = 0.1%;
  2. MDL = Method Detection Limit;
  3. N.D. = Not Detected (<MDL);
  4. For sample(s) 01+02 and 03+04, composite test has been performed as per client's request and the test result is the overall result.

## 7. Lead(Pb) content in paint and other similar surface coatings according to CPSIA & ASTM F963-17

Test Method: CPSC-CH-E1003-09.1

<u>Material No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>	<u>Conclusion(s)</u>
<b>05+06</b>	mg/kg	10	90	N.D.	PASS

- Note:**
- 1000mg/kg = 0.1%;
  - MDL = Method Detection Limit;
  - N.D. = Not Detected (<MDL);
  - For sample(s) 05+06, composite test has been performed as per client's request and the test result is the overall result.

## 8. Phthalates content according to CPSIA

Test Method: CPSC-CH-C1001-09.4

<u>Test Items</u>	<u>CAS No.</u>	<u>Unit</u>	<u>MDL</u>	<u>Limit</u>	<u>Result(s)</u>		
					<u>01+02</u>	<u>03+04</u>	<u>05+06</u>
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.	N.D.
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.010	0.1	N.D.	N.D.	N.D.
Di-iso-butyl phthalate (DIBP)	84-69-5	%	0.005	0.1	N.D.	0.013	N.D.
Di-n-pentyl phthalate (DPENP)	131-18-0	%	0.005	0.1	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DHEXP)	84-75-3	%	0.005	0.1	N.D.	N.D.	N.D.
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	N.D.	N.D.	N.D.
<b><u>Conclusion(s)</u></b>					PASS	PASS	PASS

- Note:**
- % = Percentage by weight;
  - 1000mg/kg = 0.1%;
  - MDL = Method Detection Limit;
  - N.D. = Not Detected (<MDL);
  - The result(s) of sample 05+06 was based on the raw paint material;
  - The result(s) of sample 05+06 was based on the dry sample(s);
  - For sample(s) 01+02, 03+04 and 05+06, composite test has been performed as per client's request and the test result is the overall result.

## 9. Phthalates content according to SOR/2016-188

**Test Method:** The sample was prepared according to Method C-34, analysis was performed by Gas Chromatography-Mass Spectrometer (GC-MS).

Following three phthalates intended for all the materials of toys and childcare articles

Test Items	CAS No.	Unit	MDL	Limit	Result(s)		
					01+02	03+04	05+06
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	85-68-7	%	0.005	0.1	N.D.	N.D.	N.D.
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	%	0.005	0.1	N.D.	N.D.	N.D.
<b>Conclusion(s)</b>					PASS	PASS	PASS

Following three phthalates intended for materials of toys and childcare articles that can be placed in the mouth

Test Items	CAS No.	Unit	MDL	Limit	Result(s)		
					01+02	03+04	05+06
Di-n-octyl phthalate (DNOP)	117-84-0	%	0.005	0.1	N.D.	N.D.	N.D.
Di-iso-nonyl phthalate (DINP)	28553-12-0	%	0.010	0.1	N.D.	N.D.	N.D.
Di-iso-decyl phthalate (DIDP)	26761-40-0	%	0.010	0.1	N.D.	N.D.	N.D.
<b>Conclusion(s)</b>					PASS	PASS	PASS

- Note:**
1. % = Percentage by weight;
  2. 0.1% = 1000mg/kg;
  3. MDL = Method Detection Limit;
  4. N.D. = Not Detected (<MDL);
  5. The result(s) of sample 05+06 was based on the raw paint material;
  6. The result(s) of sample 05+06 was based on the dry sample(s);
  7. For sample(s) 01+02, 03+04 and 05+06, composite test has been performed as per client's request and the test result is the overall result.



Sample Photo(s):



GIG authenticate the photo(s) on original report only

\*\*\*End of Report\*\*\*

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