

# TEST REPORT

Test Report #	19H-003941	Date of Report Issue:	June 20, 2019
Date of Sample Received:	May 30, 2019	Pages:	Page 1 of 31

**CLIENT INFORMATION:**

Company: Hit Promotional Products  
 Recipient: Nathan Cotter  
 Recipient Email: ncotter@hitpromo.net



**SAMPLE INFORMATION:**

Description:	16" Beach Ball // 12" Beach Ball		
Assortment:	16 colors // 8 colors	Purchase Order Number:	313967
SKU No.:	750 // 751	Agent:	Brand New Days
Factory No.:	106923	Country of Origin:	China
Country of Distribution:	United States, Canada	Labeled Age Grade:	-
Quantity Submitted:	Refer to Page 2	Recommended Age Grade:	Over 8 months of age
Testing Period:	05/30/2019 – 06/17/2019 06/18/2019 – 06/20/2019	Tested Age Grade:	Over 8 months of age

**OVERALL RESULT:**



Refer to page 3 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka  
 Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited



Ricky Cheung Chin Yeung  
 Manager, Physical Laboratory

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 2 of 31

**QUANTITY SUBMITTED DETAILED:**

Style description	Qty.
16" Beach Ball - Trans-Red	6 pcs
16" Beach Ball - Red	6 pcs
16" Beach Ball - Pink	6 pcs
16" Beach Ball - Orange	6 pcs
16" Beach Ball - Yellow	6 pcs
16" Beach Ball - Purple	6 pcs
12" Beach Ball - Trans-Blue	6 pcs
12" Beach Ball - Multi-Color	6 pcs
12" Beach Ball - Orange	6 pcs
12" Beach Ball - Yellow	6 pcs
12" Beach Ball - Lime	6 pcs
Dry Paint	1 lot
16" Beach Ball - Trans-Orange	6 pcs
16" Beach Ball - Trans-Yellow	6 pcs
16" Beach Ball - Trans-Blue	6 pcs
16" Beach Ball - Trans-Purple	5 pcs
16" Beach Ball - Clear	6 pcs
16" Beach Ball - Green	6 pcs
16" Beach Ball - Blue	6 pcs
16" Beach Ball - Multi-Color	6 pcs
16" Beach Ball - Black	6 pcs
16" Beach Ball - White	6 pcs
12" Beach Ball - Trans-Red	6 pcs
12" Beach Ball - Red	6 pcs
12" Beach Ball - Blue	6 pcs

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 3 of 31

**TEST RESULTS SUMMARY:**

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials
PASS	CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 27(3)(C) Total Elements Screening in Plastic Materials
PASS	Canadian Toys Regulations SOR/2011-17 as Amended, Item 27(3)(C) – Leachable Elements in Plastic Materials <sup>#</sup>
PASS	Canadian Toys Regulations SOR/2011-17 as Amended, Item 27(3)(C) – Total Lead and Mercury in Plastic Materials
PASS	Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Leachable Elements in Paints and Surface Coatings
PASS	Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content
PASS	CPSIA Section 102 & 16 CFR 1501, Small Parts CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards
PASS	16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids
PASS	CPSIA Section 103, Tracking Labels for Children's Products <sup>#</sup>
PASS	Canadian Toy Regulations SOR/2011-17 as Amended, Mechanical Hazards Requirements
PASS	Canadian Toy Regulations SOR/2011-17 as Amended, Item 21 Celluloid or Cellulose Nitrate

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 4 of 31

*Remark:*

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings was not conducted as specimen mass found on single sample less than 10 milligrams.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 5 of 31

**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	11+12	13+14	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	ND	---	---	---	<b>60</b>
Total Arsenic (As)	ND	ND	---	---	---	<b>25</b>
Total Barium (Ba)	75	160	---	---	---	<b>1000</b>
Total Cadmium (Cd)	ND	ND	---	---	---	<b>75</b>
Total Chromium (Cr)	ND	ND	---	---	---	<b>60</b>
Total Lead (Pb)	ND	ND	---	---	---	<b>90</b>
Total Mercury (Hg)	ND	ND	---	---	---	<b>60</b>
Total Selenium (Se)	ND	ND	---	---	---	<b>500</b>
<b>Conclusion</b>	PASS	PASS	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20ppm; Se = 50ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

The total heavy metals screening results of Specimen No. 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 16 and 17 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 6 of 31

**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.5  
 Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	2	3	4	5	6	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	500
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 2 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 7 of 31

**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.5

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	7	8	9	10	15	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	ND	ND	ND	60
Soluble Arsenic (As)	ND	ND	ND	ND	ND	25
Soluble Barium (Ba)	ND	ND	ND	ND	ND	1000
Soluble Cadmium (Cd)	ND	ND	ND	ND	ND	75
Soluble Chromium (Cr)	ND	ND	ND	ND	ND	60
Soluble Lead (Pb)	ND	ND	ND	ND	ND	90
Soluble Mercury (Hg)	ND	ND	ND	ND	ND	60
Soluble Selenium (Se)	ND	ND	ND	ND	ND	500
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 2 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 8 of 31

**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.5  
 Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	16	17	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	ND	---	---	---	60
Soluble Arsenic (As)	ND	ND	---	---	---	25
Soluble Barium (Ba)	ND	ND	---	---	---	1000
Soluble Cadmium (Cd)	ND	ND	---	---	---	75
Soluble Chromium (Cr)	ND	ND	---	---	---	60
Soluble Lead (Pb)	ND	ND	---	---	---	90
Soluble Mercury (Hg)	ND	ND	---	---	---	60
Soluble Selenium (Se)	ND	ND	---	---	---	500
<b>Conclusion</b>	PASS	PASS	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 2 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 9 of 31

**DETAILED RESULTS:****CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 10 of 31

**DETAILED RESULTS:****California Proposition 65, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

The specification is quoted from client's requirement.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 11 of 31

**DETAILED RESULTS:****CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2+3+4	5+6+7	8+9+10	11+12	13+14	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	15+16+17	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	PASS	---	---	---	---	

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 12 of 31

**DETAILED RESULTS:****California Proposition 65, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2+3+4	5+6+7	8+9+10	11+12	13+14	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>100</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	15+16+17	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>100</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

*Remark:*

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 13 of 31

**DETAILED RESULTS:****California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2+3+4	5+6+7	8+9+10	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
<b>Conclusion</b>		PASS	PASS	PASS	PASS	

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**Remark:**

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 14 of 31

**DETAILED RESULTS:****California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.4  
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11+12	13+14	15+16+17	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	<b>1000</b>
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	<b>1000</b>
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	<b>1000</b>
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	<b>1000</b>
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	<b>1000</b>
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	---	<b>1000</b>
<b>Conclusion</b>		PASS	PASS	PASS	---	

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**Remark:**

The specification is quoted from client's requirement.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 15 of 31

**DETAILED RESULTS:****16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)**

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2+3+4	5+6+7	8+9+10	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
<b>Conclusion</b>		PASS	PASS	PASS	PASS	

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 16 of 31

**DETAILED RESULTS:****16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)**

Test Method: CPSC-CH-C1001-09.4

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		11+12	13+14	15+16+17	---	Limit (mg/kg)
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	---	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	---	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	---	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	---	1000
<b>Conclusion</b>		PASS	PASS	PASS	---	

**Note:**

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 17 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 27(3)(C) Total Elements Screening in Plastic Materials**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	11+12	13+14	---	---	---	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	---	---	---	1000
Total Arsenic (As)	ND	ND	---	---	---	1000
Total Barium (Ba)	75	160	---	---	---	1000
Total Cadmium (Cd)	ND	ND	---	---	---	1000
Total Lead (Pb)	ND	ND	---	---	---	90*
Total Mercury (Hg)	ND	ND	---	---	---	10*
Total Selenium (Se)	ND	ND	---	---	---	1000
<b>Conclusion</b>	PASS	PASS	---	---	---	

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Pb, Hg = 10 ppm; Sb, As, Ba, Cd, Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**Remark:**

\*Total limit

The total heavy metals screening results of Specimen No. 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 16 and 17 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 18 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended, Item 27(3)(C) –  
Leachable Elements in Plastic Materials**

Test Method: Health Canada Method C-03 (Effective 2014-02-20)<sup>#</sup>  
 Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	2	3	4	5	6	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Leachable Antimony (Sb)	ND	ND	ND	ND	ND	1000
Leachable Arsenic (As)	ND	ND	ND	ND	ND	1000
Leachable Barium (Ba)	ND	ND	ND	ND	ND	1000
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	1000
Leachable Selenium (Se)	ND	ND	ND	ND	ND	1000
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	9	10	15	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Leachable Antimony (Sb)	ND	ND	ND	ND	ND	1000
Leachable Arsenic (As)	ND	ND	ND	ND	ND	1000
Leachable Barium (Ba)	ND	ND	ND	ND	ND	1000
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	1000
Leachable Selenium (Se)	ND	ND	ND	ND	ND	1000
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 50 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 19 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended, Item 27(3)(C) –  
Leachable Elements in Plastic Materials**

Test Method: Health Canada Method C-03 (Effective 2014-02-20)#

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	16	17	---	---	---	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Leachable Antimony (Sb)	ND	ND	---	---	---	1000
Leachable Arsenic (As)	ND	ND	---	---	---	1000
Leachable Barium (Ba)	ND	ND	---	---	---	1000
Leachable Cadmium (Cd)	ND	ND	---	---	---	1000
Leachable Selenium (Se)	ND	ND	---	---	---	1000
<b>Conclusion</b>	PASS	PASS	---	---	---	

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 50 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 20 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended, Item 27(3)(C) –  
Total Lead and Mercury in Plastic Materials**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2+3+4	5+6+7	8+9+10	15+16+17	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	<b>90</b>
Total Mercury (Hg)	ND	ND	ND	ND	---	<b>10</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 21 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Leachable Elements in Paints and Surface Coatings**

Test Method: Health Canada Method C-03 (Effective 2014-02-20)

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	1	---	---	---	---	Leachable
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Leachable Antimony (Sb)	ND	---	---	---	---	1000
Leachable Arsenic (As)	ND	---	---	---	---	1000
Leachable Barium (Ba)	ND	---	---	---	---	1000
Leachable Cadmium (Cd)	ND	---	---	---	---	1000
Leachable Selenium (Se)	ND	---	---	---	---	1000
<b>Conclusion</b>	PASS	---	---	---	---	

**Note:**

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 50 ppm)

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 22 of 31

**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Paints and Surface Coatings**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	<b>90</b>
Total Mercury (Hg)	ND	---	---	---	---	<b>10</b>
<b>Conclusion</b>	PASS	---	---	---	---	

*Note:*

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 23 of 31

**DETAILED RESULTS:****Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2+3+4	5+6+7	8+9+10	11+12	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	ND	ND	ND	<b>90</b>
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	13+14	15+16+17	---	---	---	Limit (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Lead (Pb)	ND	ND	---	---	---	<b>90</b>
<b>Conclusion</b>	PASS	PASS	---	---	---	

*Note:*

mg/kg (Milligrams per kilogram) = ppm (Parts per million) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 24 of 31

**DETAILED RESULTS:****CPSIA Section 102 & 16 CFR 1501, Small Parts****CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards****16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards**

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-17, as applicable.

Test	Observation	Conclusion
Impact	No Small Part, Sharp Edge or Sharp Point	PASS
Torque	No Small Part, Sharp Edge or Sharp Point	PASS
Tension	No Small Part, Sharp Edge or Sharp Point	PASS

**Other Applicable ASTM F963-17 Sections**

Section	Test	Conclusion
4.1	Material Quality	PASS
4.6	Small Objects	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.34	Balls	PASS

**16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids**

Test	Observation	Conclusion
Flammability of Solids	The burn rate is less than 0.1 in/sec.	PASS

**CPSIA Section 103, Tracking Labels for Children's Products<sup>#</sup>**

Requirement	Observation	Conclusion
Manufacturer or private labeler listed, location & date of manufacture, including batch, run	Information was present.	PASS

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 25 of 31

number and/or other identifying characteristics		
---	--	--

**DETAILED RESULTS:****Canadian Toy Regulations SOR/2011-17 as amended, Mechanical Hazards Requirements**

Test	Observation	Conclusion
Impact	No Small Part, Sharp Edge or Sharp Point	PASS
Push/Pull	No Small Part, Sharp Edge or Sharp Point	PASS

Section	Requirement	Conclusion
7	Small Parts	PASS
10	Plastic Edges	PASS

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YOUR EYES IN THE SUPPLY CHAIN

Test Report #: 19H-003941

Page 26 of 31

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coating	Tracking code (all styles)
2	White soft PVC	Body (all except 16"Trans-Red/ 12"trans-Blue/ 16"Multi-Color/ 16"White styles)
3	Blue soft PVC	Body (12"Multi-Color/ 16"Blue/ 16"Multi-Color/ 12"Blue styles)
4	Red soft PVC	Body (16"Red/ 12"Multi-Color/ 16"Multi-Color/ 12"Red styles)
5	Yellow soft PVC	Body (16"Yellow/ 12"Yellow/ 12"Multi-Color/ 16"Multi-Color styles)
6	Green soft PVC	Body (12"Lime/ 12"Multi-Color/ 16"Green / 16"Multi-Color styles)
7	Purple soft PVC	Body (16"Purple style)
8	Pink soft PVC	Body (16"Pink style)
9	Orange soft PVC	Body (16"Orange/ 12"Orange styles)
10	Transparent soft PVC	Valve (all styles)
11	Transparent red soft PVC	Body (16" Trans-Red/ 12" Trans-Red styles)
12	Transparent blue soft PVC	Body (12" Trans-Blue/16" Trans-Blue styles)
13	Transparent orange soft PVC	Body (16" Trans-Orange style)
14	Transparent yellow soft PVC	Body (16" Trans-yellow style)
15	Transparent purple soft PVC	Body (16" Trans-Purple style)
16	Clear soft PVC	Body (16" Clear style)
17	Black soft PVC	Body (16" Black style)

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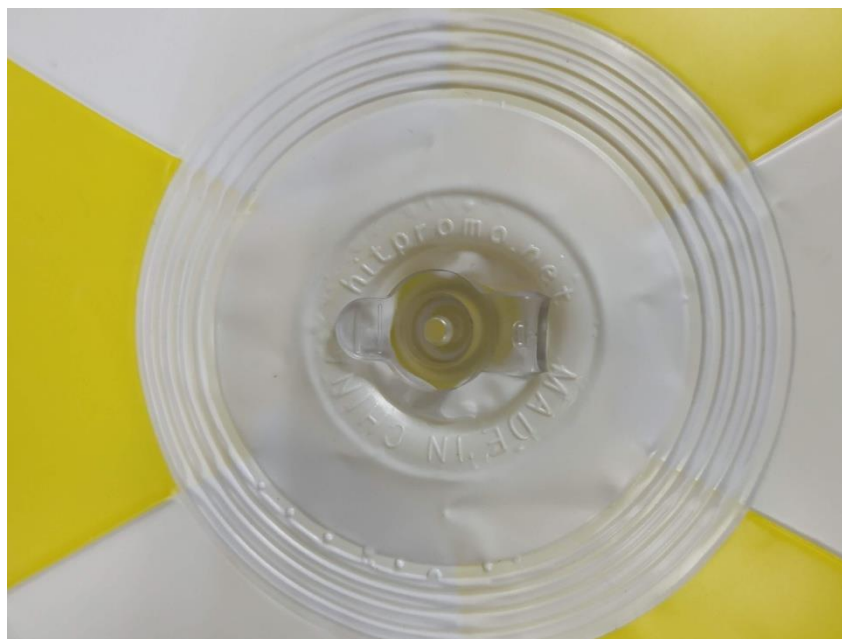
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**P01**



**P02**

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**P03**



**P04**

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**DATE CODE PHOTO:**



**P05**



**P06**

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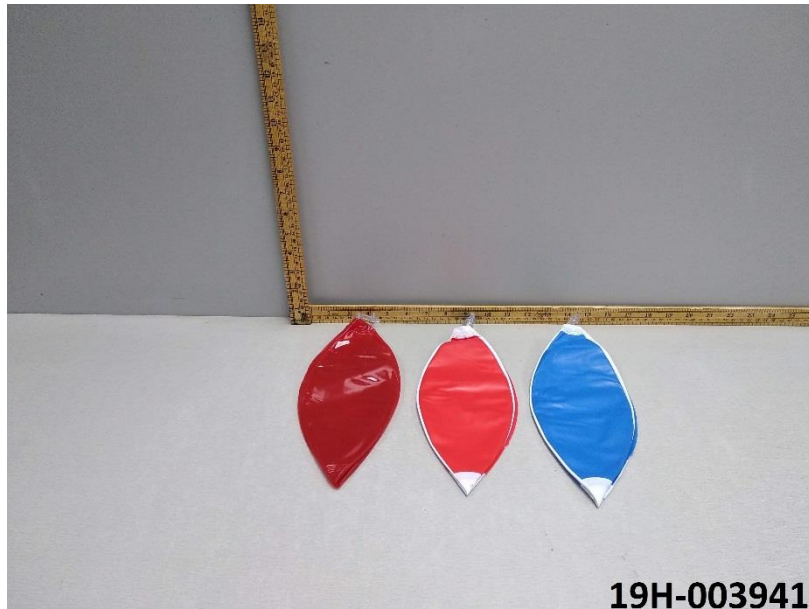
**SAMPLE PHOTO:**



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**SAMPLE PHOTO:**



-End Report-