

## Test report

24H-000977(A4)



Verify Report

## Overall result

**PASS**

Please refer to the following pages for test result summary and notes.

## Client information

Client: Imagen Brands  
Address: 401 US Hwy 160  
Doniphan  
MO 63935  
United States



## Sample information

Description: Oversize Wooden Yard Dice	Test request form no.: 2724I
Assortment: -	Labeled age grade: -
Item no.: VOUT002	Requested age grade: 3+
Shipment order no.: DP51334	Tested age grade: over 3 years of age
Country of origin: China	
Country of distribution: Canada, United States	
Quantity submitted: 4 pcs	

## General information

Sample receipt date: 28-Feb-2024	Report date: 18-Apr-2024
Testing period: 04-Mar-2024 to 19-Mar-2024	
21-Mar-2024 to 22-Mar-2024	
15-Apr-2024 to 16-Apr-2024	

QIMA Testing (HK) Limited



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## Result summary

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

Test(s) conducted	Conclusion
CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Paints and Similar Surface Coatings	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
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	PASS
California Proposition 65, Total Cadmium in Paints and Surface Coatings	PASS
California Proposition 65, Total Cadmium in Substrate Materials	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
California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)	PASS
Canadian Phthalates Regulations SOR/2016-188, Phthalates (DBP, BBP, DEHP, DnOP, DINP, DIDP) in Mouthable Vinyl Materials	PASS
Client's Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)	PASS
Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)	PASS
Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Leachable Elements in Stickers, Films and Surface Coating Materials	PASS
Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Stickers, Films and Surface Coating Materials	PASS
CPSIA Section 106 <sup>#</sup> , Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards (Excluding Section 5,6,7)	PASS
16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards	
16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids	PASS
19 CFR 134.11–Country of Origin–Labeling Review <sup>#</sup>	PASS
CPSIA Section 103-Children's Products-Labeling Review (Tracking Labels) <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	PASS
Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin <sup>#</sup>	PASS





## Detailed results

### CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Paints and Similar Surface Coatings

Test Method: ASTM F963-17 Clause 8.3.2  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	1	10	---	---	---	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 = 5 ppm)  
Results are adjusted according to ASTM F963-17 Toy Safety, Section 8.3.4.3. Materials are deemed to conform with the requirements if the adjusted analytical result for the migrated element is less than or equal to the permissible limit. The decision rule for stating conformity is based on ASTM F963-17 Toy Safety.

Analytical correction								
Soluble Element(s)	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (%)	60	60	30	30	30	30	50	60

## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## 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-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

#### Substrate Materials Other than Modeling Clay

Specimen No.	15	16	21	38	57	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	19	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 = 5 ppm)  
Results are adjusted according to ASTM F963-17 Toy Safety, Section 8.3.4.3. Materials are deemed to conform with the requirements if the adjusted analytical result for the migrated element is less than or equal to the permissible limit. The decision rule for stating conformity is based on ASTM F963-17 Toy Safety.

Analytical correction								
Soluble Element(s)	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (%)	60	60	30	30	30	30	50	60





## 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-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

#### Substrate Materials Other than Modeling Clay

Specimen No.	58	59	---	---	---	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 = 5 ppm)  
Results are adjusted according to ASTM F963-17 Toy Safety, Section 8.3.4.3. Materials are deemed to conform with the requirements if the adjusted analytical result for the migrated element is less than or equal to the permissible limit. The decision rule for stating conformity is based on ASTM F963-17 Toy Safety.

Analytical correction								
Soluble Element(s)	Sb	As	Ba	Cd	Cr	Pb	Hg	Se
Analytical Correction (%)	60	60	30	30	30	30	50	60





## Specimen description

Specimen #	Specimen description	Location
15	White decal	On outer main shell of bag (VOUT001/ VOUT002/ VOUT003 styles)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
21	Black plastic	Zipper teeth (VOUT001/ VOUT002/ VOUT003/ VOUT030 styles)
38	Black textile with black PVC backing with black thread	Main shell of bag/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles); Handle (VOUT001 style)
57	Off black knitted textile	Drawstring of pouch (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT036/ VOUT048 styles); Strap of zipper puller of bag (VOUT001/ VOUT002 styles)
58	Flat black textile with matt black thread	Zipper tape/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
59	Dull black knitted textile with soft black thread	Handle/ sewing (VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### CPSIA Section 101 & 16 CFR 1303, California Proposition 65 and Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

Test Method: CPSC-CH-E-1003-09.1 (Coating)  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

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

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.	15	16	21	38	56	57
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	58	59	84	85	---	---
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	39	31	---	---
<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.

**Remark:**

The specification is quoted from client's requirement.

**Summary of Requirement:**

Requirement	Limit
CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings	90 ppm
California Proposition 65, Total Lead in Paints and Surface Coatings	90 ppm
CPSIA Section 101, Total Lead in Substrate Materials	100 ppm
California Proposition 65, Total Lead in Substrate Materials	100 ppm
Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content	90 mg/kg





## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
15	White decal	On outer main shell of bag (VOUT001/ VOUT002/ VOUT003 styles)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
21	Black plastic	Zipper teeth (VOUT001/ VOUT002/ VOUT003/ VOUT030 styles)
38	Black textile with black PVC backing with black thread	Main shell of bag/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles); Handle (VOUT001 style)
56	Brown natural wood	Wooden box (COUT022 style); Wooden blocks (VOUT001 style); Wooden dices (VOUT002/ VOUT030 styles); Pegs/ beads of rope rings/ wood pieces (VOUT003 style); Legs of cornhole board (VOUT008 style); Game boards (VOUT011 style); Game pieces (VOUT013/ VOUT014 styles); Chips (VOUT030 style); Paddle handle (VOUT048 style)
57	Off black knitted textile	Drawstring of pouch (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT036/ VOUT048 styles); Strap of zipper puller of bag (VOUT001/ VOUT002 styles)
58	Flat black textile with matt black thread	Zipper tape/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
59	Dull black knitted textile with soft black thread	Handle/ sewing (VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
84	Silvery metal	Zipper head (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
85	Dull silvery metal	Zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### California Proposition 65, Total Cadmium 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	10	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	---	---	---	<b>75</b>
<b>Conclusion</b>	PASS	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 limit is quoted from client's requirement.

## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### California Proposition 65, Total Cadmium in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	15	16	21	38	56	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
<b>Conclusion</b>	PASS	PASS	PASS	PASS	PASS	

Specimen No.	57	58	59	84	85	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
<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 = 20 ppm)

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

**Remark:**

The limit is quoted from client's requirement.





## Specimen description

Specimen #	Specimen description	Location
15	White decal	On outer main shell of bag (VOUT001/ VOUT002/ VOUT003 styles)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
21	Black plastic	Zipper teeth (VOUT001/ VOUT002/ VOUT003/ VOUT030 styles)
38	Black textile with black PVC backing with black thread	Main shell of bag/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles); Handle (VOUT001 style)
56	Brown natural wood	Wooden box (COUT022 style); Wooden blocks (VOUT001 style); Wooden dices (VOUT002/ VOUT030 styles); Pegs/ beads of rope rings/ wood pieces (VOUT003 style); Legs of cornhole board (VOUT008 style); Game boards (VOUT011 style); Game pieces (VOUT013/ VOUT014 styles); Chips (VOUT030 style); Paddle handle (VOUT048 style)
57	Off black knitted textile	Drawstring of pouch (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT036/ VOUT048 styles); Strap of zipper puller of bag (VOUT001/ VOUT002 styles)
58	Flat black textile with matt black thread	Zipper tape/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
59	Dull black knitted textile with soft black thread	Handle/ sewing (VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
84	Silvery metal	Zipper head (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
85	Dull silvery metal	Zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### 16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

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

Specimen No.		1	10	15	16	21
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	ND
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	ND
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	ND	ND
<b>Conclusion</b>		PASS	PASS	PASS	PASS	PASS

**Note:**

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

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





## Detailed results

### 16 CFR 1307, California Proposition 65, Canadian Phthalates Regulations SOR/2016-188 and Client's Requirement, Phthalates Content

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

Specimen No.		37	---	---	---	---
Test Item	CAS No.	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)
Dibutyl Phthalate (DBP)	84-74-2	ND	---	---	---	---
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	---	---	---	---
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	---	---	---	---
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	---	---	---	---
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	---	---	---	---
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	---	---	---	---
Diisobutyl Phthalate (DIBP)	84-69-5	ND	---	---	---	---
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	---	---	---	---
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	---	---	---	---
Di-n-octyl phthalate (DnOP)	117-84-0	ND	---	---	---	---
<b>Conclusion</b>		PASS	---	---	---	---

Note:

% w/w = Percent by weight

LT = Less than

ND = Not detected (Reporting Limit = 0.015 % w/w)

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

Summary of Requirement:

Requirement	Limit
16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)	0.1 % w/w each
California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)	0.1 % w/w each
Canadian Phthalates Regulations SOR/2016-188, Phthalates (DBP, BBP, DEHP, DnOP, DINP, DIDP) in Mouthable Vinyl Materials	0.1 % w/w each
Client's Requirement, Phthalate Content (DBP, BBP, DEHP, DnOP, DINP, DIDP)	0.1 % w/w each





## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)
15	White decal	On outer main shell of bag (VOUT001/ VOUT002/ VOUT003 styles)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
21	Black plastic	Zipper teeth (VOUT001/ VOUT002/ VOUT003/ VOUT030 styles)
38	Black textile with black PVC backing with black thread	Main shell of bag/ sewing (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles); Handle (VOUT001 style)





## Detailed results

### Model Toxics in Packaging Legislation of the Toxics in Packaging Clearinghouse (TPCH)

Test Method: CH-HK-WI063  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry,  
Ultraviolet-Visible Spectrophotometry

Specimen No.	92	95	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Cadmium (Cd)	ND	ND	---	---	---	
Chromium VI (Cr VI)	ND	ND	---	---	---	
Lead (Pb)	ND	ND	---	---	---	
Mercury (Hg)	ND	ND	---	---	---	
Sum	ND	ND	---	---	---	<b>100</b>
<b>Conclusion</b>	PASS	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.

Total Chromium is reported for Chromium (VI) unless specified.

## Specimen description

Specimen #	Specimen description	Location
92	Golden printed dull clear plastic	Sealing tape/ plastic wrap (COUT022/ COUT023/ VOUT001/ VOUT002/ VOUT009 styles)
95	Black printed matt white paper	Instruction sheet (all styles except VOUT011 style)



Verify Report



## Detailed results

### Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Leachable Elements in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry and/or Inductively Coupled Plasma-Mass Spectrometry

Specimen No.	1	10	---	---	---	Leachable Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (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)

Results are adjusted according to ASTM F963-17 Toy Safety, Section 8.3.4.3. Materials are deemed to conform with the requirements if the adjusted analytical result for the migrated element is less than or equal to the permissible limit. The decision rule for stating conformity is based on ASTM F963-17 Toy Safety.

Analytical correction					
Soluble Element(s)	Sb	As	Ba	Cd	Se
Analytical Correction (%)	60	60	30	30	60





## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### Canadian Toys Regulations SOR/2011-17 as Amended, Item 23 – Total Lead and Mercury in Stickers, Films and Surface Coating Materials

Test Method: ASTM F963-17 Clause 8.3.1  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

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

## Specimen description

Specimen #	Specimen description	Location
1	Multicolor coating with clear lacquer	On wooden box (COUT022/ COUT023 styles); On wooden dices (VOUT002/ VOUT030 styles); On peg/ bead of rope rings/ wood pieces (VOUT003 style); On top of cornhole board (VOUT008 style); On game boards (VOUT011 style); On game pieces (VOUT013/ VOUT014 style)
10	Dull black coating	On zipper head/ zipper puller (VOUT001/ VOUT002/ VOUT003/ VOUT030/ VOUT035 styles)





## Detailed results

### 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 Sharp Edges or Sharp Points	PASS
Torque	No Sharp Edges or Sharp Points	PASS
Tension	No Sharp Edges or Sharp Points	PASS

### Other Applicable ASTM F963-17 Sections

Section	Test	Conclusion
4.1	Material Quality	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	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 or equal to 0.1 in/sec.	PASS





## Detailed results

### 19 CFR 134.11–Country of Origin–Labeling Review<sup>#</sup>

Test	Observation	Conclusion
Country of Origin	Present on packaging and can be read easily by consumer at the point of sale	PASS

### CPSIA Section 103-Children's Products-Labeling Review (Tracking Labels) <sup>#</sup>

Requirement	Observation	Conclusion
Manufacturer or private labeler listed, location & date of manufacture, including batch, run number and/or other identifying characteristics	Information was present.	PASS





## Detailed results

### Canadian Toy Regulations SOR/2011-17 as amended, Mechanical Hazards Requirements

Mechanical hazards evaluated as described in SOR/2011-17, as applicable.

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

Section	Requirement	Conclusion
8	Metal Edges	PASS
10	Plastic Edges	PASS
11	Wood	PASS

### Canadian Toy Regulations SOR/2011-17 as Amended, Item 21 Celluloid or Cellulose Nitrate

(Method: Visual Observation)

Test	Observation	Conclusion
Cellulose Nitrate	No visual signs of Cellulose Nitrate.	PASS





## Detailed results

### Marking of Imported Goods Order, (C.R.C., c.535), Country of Origin #

Section	Requirement	Conclusion
2	Country of Origin Markings	PASS





## Pictures

### Sample photo:



End of the report

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and the method /regulation section(s) tested as described herein. If it is not further specified in the report, the decision rule for stating conformity is based on the QIMA decision rule. (<https://www.qima.com/conditions-of-service#decisionRule>). This test report may not be reproduced in whole or in part, without the written approval of QIMA Testing (HK) Limited.



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