

Test report

24H-000977(A1)



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: Poker Set	Test request form no.: 2724I
Assortment: -	Labeled age grade: -
Item no.: COUT022	Requested age grade: 3+
Shipment order no.: DP5007	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	

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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 [#] , 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 [#]	PASS
CPSIA Section 103-Children's Products-Labeling Review (Tracking Labels) [#]	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 [#]	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	---	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	---	---	---	---	60
Soluble Arsenic (As)	ND	---	---	---	---	25
Soluble Barium (Ba)	ND	---	---	---	---	1000
Soluble Cadmium (Cd)	ND	---	---	---	---	75
Soluble Chromium (Cr)	ND	---	---	---	---	60
Soluble Lead (Pb)	ND	---	---	---	---	90
Soluble Mercury (Hg)	ND	---	---	---	---	60
Soluble Selenium (Se)	ND	---	---	---	---	500
Conclusion	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

Remark:
Specimen No. 7, 8 were not tested due to specimen mass found on single sample less than 10 mg.





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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)





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.	16	18	19	50	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	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
Conclusion	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





Specimen description

Specimen #	Specimen description	Location
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
18	Black non-woven with black thread	Pouch/ sewing (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT036/ VOUT048 styles)
19	White plastic	Dices (COUT022 style)
50	Light brown plywood	Lid/ bottom of wooden box (COUT022 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)





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	7	8	---	---	---
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	---	---	---
Conclusion	PASS	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.	13	16	18	19	50	56
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	ND
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS

Specimen No.	57	76	77	---	---	---
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)
Total Lead (Pb)	ND	ND	ND	---	---	---
Conclusion	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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)
13	Black printed light beige paper with adhesive	Warning stickers (COUT022/ COUT023 styles); Sticker of cornhole board (VOUT008 style)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
18	Black non-woven with black thread	Pouch/ sewing (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT036/ VOUT048 styles)
19	White plastic	Dices (COUT022 style)
50	Light brown plywood	Lid/ bottom of wooden box (COUT022 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)
76	Multicolor printed white/ brown paper	Poker card box (COUT022 style)
77	Multicolor printed dull white/ grey paper	Poker cards (COUT022 style)





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	7	8	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Conclusion	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
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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)





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.	13	16	18	19	50	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	56	57	76	77	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	ND	---	75
Conclusion	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.



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Specimen description

Specimen #	Specimen description	Location
13	Black printed light beige paper with adhesive	Warning stickers (COUT022/ COUT023 styles); Sticker of cornhole board (VOUT008 style)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
18	Black non-woven with black thread	Pouch/ sewing (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT036/ VOUT048 styles)
19	White plastic	Dices (COUT022 style)
50	Light brown plywood	Lid/ bottom of wooden box (COUT022 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)
76	Multicolor printed white/ brown paper	Poker card box (COUT022 style)
77	Multicolor printed dull white/ grey paper	Poker cards (COUT022 style)





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	7	8	16	17
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	0.027
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
Conclusion		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.		19	50	---	---	---
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	---	---	---
Benzyl Butyl Phthalate (BBP)	85-68-7	ND	ND	---	---	---
Di-(2-Ethylhexyl) Phthalate (DEHP)	117-81-7	ND	ND	---	---	---
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	---	---	---
Di-N-Hexyl Phthalate (DHEXP / DnHP)	84-75-3	ND	ND	---	---	---
Dicyclohexyl Phthalate (DCHP)	84-61-7	ND	ND	---	---	---
Diisobutyl Phthalate (DIBP)	84-69-5	ND	ND	---	---	---
Di-N-Pentyl Phthalate (DPENP)	131-18-0	ND	ND	---	---	---
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	---	---	---
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	---	---	---
Conclusion		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.

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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)
16	Black printed white plastic	Sewn-in label (COUT022/ VOUT001/ VOUT002/ VOUT003/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT030/ VOUT035 styles)
17	Black non-woven	Pouch (COUT022/ VOUT008/ VOUT009/ VOUT011/ VOUT013/ VOUT014/ VOUT036/ VOUT048 styles)
19	White plastic	Dices (COUT022 style)
50	Light brown plywood	Lid/ bottom of wooden box (COUT022 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.	89	91	92	95	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Cadmium (Cd)	ND	ND	ND	ND	---	
Chromium VI (Cr VI)	ND	ND	ND	ND	---	
Lead (Pb)	ND	ND	ND	ND	---	
Mercury (Hg)	ND	ND	ND	ND	---	
Sum	ND	ND	ND	ND	---	100
Conclusion	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.

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

Specimen description

Specimen #	Specimen description	Location
89	Off white/ dull brown paperboard with adhesive	Blank paper box (COUT022/ COUT023/ VOUT008/ VOUT009/ VOUT011/ VOUT030 styles)
91	Black printed clear plastic with adhesive	“Made-in China” sticker of blank paper box (COUT022/ COUT023/ VOUT008/ VOUT011 styles)
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	13	---	---	---	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	7	---	---	---	1000
Leachable Cadmium (Cd)	ND	ND	---	---	---	1000
Leachable Selenium (Se)	ND	ND	---	---	---	1000
Conclusion	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

Remark:

Specimen No. 7, 8 were not tested due to specimen mass found on single sample less than 10 mg.





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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)
13	Black printed light beige paper with adhesive	Warning stickers (COUT022/ COUT023 styles); Sticker of cornhole board (VOUT008 style)





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	7	8	13	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
Total Mercury (Hg)	ND	ND	ND	ND	---	10
Conclusion	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.

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)
7	Blue coating	On dice (COUT022 style)
8	Red coating	On dice (COUT022 style)
13	Black printed light beige paper with adhesive	Warning stickers (COUT022/ COUT023 styles); Sticker of cornhole board (VOUT008 style)





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[#]

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) [#]

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
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

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.

