



TEST REPORT

Test Report # 18H-007639 Date of Report Issue: November 1, 2018
 Date of Sample Received: October 2, 2018 Pages: Page 1 of 18

CLIENT INFORMATION:

Company: Imagen Brands
 Recipient: Carissa Roepke
 Recipient Email: CarissaR@imagenbrands.com



SAMPLE INFORMATION:

Description: 20oz Viking Nova Tumbler, 30oz Viking Nova Tumbler
 Assortment: Black, Copper, Dark Green, Purchase Order Number: -
 Mint Green, Maroon, Navy,
 Purple, Stainless Steel,
 White
 SKU/style No.: Refer to Page 2 Toy Co./Agency: -
 Factory/Supplier/Vendor: NJP039922 Country of Origin: China
 Country of Distribution: United States, Canada Labeled Age Grade: -
 Quantity Submitted: Refer to Page 2 Recommended Age Grade: -
 Testing Period: 10/15/2018 – 10/25/2018 Tested Age Grade: -
 10/30/2018 – 11/01/2018

OVERALL RESULT:

PASS

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

ANSECO GROUP (HK) LIMITED

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 Assistant Manager, Chemical Laboratory

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**SKU/STYLE NO./ QUANTITY SUBMITTED DETAILED:**

Style description	Assortment	SKU No.	Style No.	Qty.
20oz Viking Nova Tumbler	Black	CDKW038--BK	CDKW038	6 pcs
	Copper	CDKW038-COP	CDKW038	6 pcs
	Dark Green	CDKW038-DARKGR	CDKW038	6 pcs
	Mint Green	CDKW038-MG	CDKW038	6 pcs
	Maroon	CDKW038-MR	CDKW038	6 pcs
	Navy	CDKW038-NV	CDKW038	6 pcs
	Purple	CDKW038-PR	CDKW038	6 pcs
	Stainless Steel	CDKW038-SS	CDKW038	6 pcs
	White	CDKW038-WH	CDKW038	6 pcs
30oz Viking Nova Tumbler	Black	CDKW039--BK	CDKW039	1 pc
	Maroon	CDKW039-MR	CDKW039	1 pc
	Navy	CDKW039-NV	CDKW039	1 pc
	Stainless Steel	CDKW039-SS	CDKW039	1 pc
	White	CDKW039-WH	CDKW039	1 pc
Parts	-	-	-	2 lots
Dry paint	-	-	-	1 lot

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**TEST RESULTS SUMMARY:**

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, 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	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers [#]
PASS	Client's Requirement, Bisphenol A [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.1240, 1,4-Cyclohexylene Dimethylene Terephthalate and 1,4-Cyclohexylene Dimethylene Isophthalate Copolymer [#]
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers

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**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	2	3	4	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	20	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	90
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.

**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.	10	11	12	15	16	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	17	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	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.

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

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	3	4	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

Remark:

The specification is quoted from client's requirement.

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

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		5	6	7	8	
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

Remark:

The specification is quoted from client's requirement.

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

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		9	10	11	12	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

Remark:

The specification is quoted from client's requirement.

**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-C1001-09.3 (Modified)[#]

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	3	4	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

**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-C1001-09.3 (Modified)[#]
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		5	6	7	8	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Conclusion		PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

**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-C1001-09.3 (Modified)[#]
 Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.	9	10	11	12	Limit (ppm)
Test Item CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Conclusion	PASS	PASS	PASS	PASS	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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

**DETAILED RESULTS:****FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers**Test Method: In-House Method[#]

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	15	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	17.8	---	---	---	---	GT 16
Conclusion	PASS	---	---	---	---	

Note:

% m/m = Percent by mass

GT = Greater than

Remark:

The limit is quoted from ANSI/NSF 51-1997 Section 7.1.2.

**DETAILED RESULTS:****Client's Requirement, Bisphenol A**

Test Method: In-House Method#
Analytical Method: Liquid Chromatography with Fluorescence Detection

Specimen No.	11	---	---	---		
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Bisphenol A (BPA)	80-05-7	ND	---	---	---	ND
Conclusion	PASS	---	---	---	---	

Note:

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

LT = Less than

ND = Not Detected (Reporting Limit = 1 ppm)

**DETAILED RESULTS:****FDA 21 CFR 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210[#]

Specimen No.			13	14	RL (ppm)	Limit (ppm)
Test Item	Test Condition		Result (ppm)	Result (ppm)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	ND	ND	10	50
Conclusion			PASS	PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

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

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

**DETAILED RESULTS:****FDA 21 CFR 177.1240, 1,4-Cyclohexylene Dimethylene Terephthalate and 1,4- Cyclohexylene Dimethylene Isophthalate Copolymer**Test Method: FDA 21 CFR 177.1240[#]

Specimen No.			10	---	RL (%)	Limit (%)
Test Item	Test Condition		Result (%)	Result (%)		
	Temp.	Duration				
Distilled water extractive	Reflux	2 hours	ND	---	0.01	0.05
n-Hexane extractive	Reflux	2 hours	ND	---	0.01	0.05
Ethyl acetate extractive	Reflux	2 hours	0.231	---	0.01	0.7
Conclusion			PASS	---		

Note:

Temp. = Temperature

% w/w = Percent by weight

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

**DETAILED RESULTS:****FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers**

Test Method: FDA 21 CFR 180.22 and 181.32

Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

Acrylonitrile Monomers:

Specimen No.			11	RL	Limit
Test Simulant	Test Condition		Result		
	Temp.	Duration			
Distilled water extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in ²)	120°F	2 hours	ND	0.001	0.003
Conclusion			PASS		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in² = Milligrams per square inch

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 181.32 (b) (3).

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coating	On outer wall (20oz Viking Nova Tumbler – BK style)
2	Coppery coating	On outer wall (20oz Viking Nova Tumbler – COP style)
3	Green coating	On outer wall (20oz Viking Nova Tumbler – DARKGR style)
4	Turquoise coating	On outer wall (20oz Viking Nova Tumbler – MG style)
5	Dark red coating	On outer wall (20oz Viking Nova Tumbler – MR/ 30oz Viking Nova Tumbler - MR styles)
6	Navy coating	On outer wall (20oz Viking Nova Tumbler – NV/ 30oz Viking Nova Tumbler - NV styles)
7	Violet coating	On outer wall (20oz Viking Nova Tumbler – PR style)
8	White coating	On outer wall (20oz Viking Nova Tumbler – WH/ 30oz Viking Nova Tumbler - WH styles)
9	Bright black coating	On outer wall (30oz Viking Nova Tumbler – BK style)
10	Transparent plastic (PCTG)	Spinner of lid (all styles)
11	Dull transparent plastic (AS)	Lid (all styles)
12	Translucent soft plastic (Silicone)	Gasket (all styles)
13	Translucent soft plastic (Silicone)	Gasket (all 20oz Viking Nova Tumbler styles)
14	Translucent soft plastic (Silicone)	Gasket (all 30oz Viking Nova Tumbler styles)
15	Silvery metal (stainless steel)	Inner wall (all styles)
16	Dull silvery metal	Outer wall (all styles)
17	Matt silvery metal	Metal plate of bottom (all styles)

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SAMPLE PHOTO:



-End Report-