



19H-008283

# **TEST REPORT**

Test Report # 19H-008283 Date of Report Issue: November 22, 2019

Date of Sample Received: November 11, 2019 Pages: Page 1 of 15

**CLIENT INFORMATION:** 

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

**SAMPLE INFORMATION:** 

Description: 20 Oz. Velvet Himalayan Tumbler / 16 Oz. Woodtone Swiggy Bottle

Assortment: 2 colors / 3 colors Purchase Order Number: 341383

SKU No.: 5390 / 5736 Agent: Growth-Sonic

Factory No.: 127678 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 4 pcs per style Recommended Age Grade: -

Testing Period: 11/12/2019 – 11/22/2019 Tested Age Grade: -

**OVERALL RESULT:** 

**PASS** 

Refer to page 2 for test result summary and appropriate notes.

QIMA Testing (HK) Limited



Loska Yeung Lok Ka Assistant Manager, Chemical Laboratory

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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	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	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers#
PASS	Client's Requirement, Bisphenol A and Bisphenol S#
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets#
PASS	FDA 21 CFR 177.1520, Polypropylene Copolymers
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

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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
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

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#### **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+2	3	4	5		Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

#### Remark:

The specification is quoted from client's requirement.



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# **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.	6	7	8	9	10	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13			Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND			100
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.

# **Data Consolidation Reference**

Specimen No.	Transferr	- Date of Issue	
	Report No.	Date of issue	
7	19H-002827	3	May 10, 2019
8	19H-002827	4	May 10, 2019
10	19H-002827	5	May 10, 2019
11	19H-002827	6	May 10, 2019
12	19H-002827	7	May 10, 2019

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# **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.	6	7	8	9	10	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13			Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND			100
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 specification is quoted from client's requirement.

#### **Data Consolidation Reference**

Specimen No.	Transferr	Date of Issue	
	Report No.	Date of issue	
7	19H-002827	3	May 10, 2019
8	19H-002827	4	May 10, 2019
10	19H-002827	5	May 10, 2019
11	19H-002827	6	May 10, 2019
12	19H-002827	7	May 10, 2019

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# **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.	11					
Test Item	Result (% m/m)	Limit (% m/m)				
Total Chromium (Cr)	17.3					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.

# **Data Consolidation Reference**

Chasiman Na	Transferr	ed from	Data of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue	
11	19H-002827	6	May 10, 2019	

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# **DETAILED RESULTS:**

# Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In-House Method<sup>#</sup>

Analytical Method: Liquid Chromatography with Mass Spectrometry or

Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		6	7	8	9	
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND	ND	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	ND	ND
Conclusi	on	PASS	PASS	PASS	PASS	

Note:

ppb (Parts per billion) = μg/kg (Micrograms per kilogram)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting limit: BPA = 1000 ppb; BPS = 200 ppb)

#### **Data Consolidation Reference**

Cassimon No	Transferr	Date of Issue	
Specimen No.	Report No.	Specimen No.	- Date of Issue
7	19H-002827	3	May 10, 2019
8	19H-002827	4	May 10, 2019

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# **DETAILED RESULTS:**

# FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specimen No.			8	9		
Tost Itom	Test Co	ndition	Result	Result	RL	Limit
Test Item	Temp.	Duration	(ppm)	(ppm)	(ppm)	(ppm)
Distilled water extractive	Fill boiling	Until Cool to 100°F	18	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.

# **Data Consolidation Reference**

Specimen No.	Transferr	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of Issue
8	19H-002827	4	May 10, 2019

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# **DETAILED RESULTS:**

# FDA 21 CFR 177.1520, Polypropylene Copolymers

Test Method: FDA 21 CFR 177.1520

Speci	men No.		6			
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0910		NA	0.85-1.00
n-Hexane extractive (%)	50°C	2 hours	0.9		0.4	5.5
Xylene extractive (%)	Reflux	2 hours or until total dissolved	1.9		1.0	30
		Conclusion	PASS			

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% = Percent by weight

NA = Not applicable

LT = Less than

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

# Remark:

The specification is quoted from 21 CFR 177.1520 (c) 3.1a.



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# **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	7				
Test Simulant	Test Co	Test Condition		RL	Limit
rest simulant	Temp.	Duration	Result	KL	Liffiit
Distilled water extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
3% Acetic acid extractive (mg/in²) 120°F 2 hours			ND	0.001	0.003
Conclusion	PASS				

#### Note:

Temp. = Temperature

°F = Degree Fahrenheit

mg/in<sup>2</sup> = 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).

#### **Data Consolidation Reference**

Specimen No.	Transferr	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
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#### **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	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	7	8	9	11	12	
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	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 = 20 ppm)

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

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Specimen No	Transferr	Date of Issue	
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# **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coating	On outer wall (Tumbler - Black style)
2	White coating	On outer wall (Tumbler – White style)
3	Grey/ dull white inseparable coating	On outer wall/ bottom (Bottle – Blue style)
4	Multicolor coating	On outer wall (Bottle – Brown style)
5	Multicolor coating	On outer wall/ bottom (Bottle – White style)
6	Black plastic (PP-co)	Inner lid (all Bottle styles)
7	Clear plastic (AS)	Lid/ slider (all Tumbler styles)
8	Black soft plastic (Silicone)	Gasket (all Tumbler styles)
9	Translucent soft plastic (Silicone)	Gasket (all Bottle styles)
10	Black foam with adhesive	Pad of bottom (all Tumbler styles)
11	Silvery metal (304 stainless steel)	Inner wall (all styles)
12	Dull silvery metal	Outer wall (all styles); outer lid (all Bottle styles)
13	Matt silvery metal	Bottom (all Bottle styles)

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#### **SAMPLE PHOTO:**





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# **SAMPLE PHOTO:**



-End Report-

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