



TEST REPORT

Test Report # 19H-009152 Date of Report Issue: December 30, 2019

Date of Sample Received: December 10, 2019 Pages: Page 1 of 14

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

SAMPLE INFORMATION:

Description: 20 Oz. Velvet Himalayan Tumbler

Assortment: 2 colors Purchase Order Number: 348600

SKU No.: 5390 Agent: Growth-Sonic

Factory No.: 127740 Country of Origin: China

Country of Distribution: United States Labeled Age Grade: -

Quantity Submitted: 5 pcs per style Recommended Age Grade: -

Testing Period: 12/10/2019 – 12/30/2019 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#0
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets#
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Styrene Copolymers
PASS	FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers
PASS	Canadian Consumer Products Containing Lead Regulations (SOR/2018-83), Total Lead Content

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

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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					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
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.

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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					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
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.

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.	3+4	5+6	7	8	9	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.	10					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

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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.	3+4	5+6	7	8	9	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.	10					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (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.

Remark:

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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.	9					
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.



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DETAILED RESULTS:

Client's Requirement, Bisphenol A and Bisphenol S

Test Method: In-House Method#

Analytical Method: Liquid Chromatography with Mass Spectrometry or

Liquid Chromatography with Mass Spectrometry Mass Spectrometry

Specimen No.		3	4	5	6	
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	ion	PASS	PASS	PASS	PASS	

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

Note:

ppb (Parts per billion) = μ g/kg (Micrograms per kilogram)

NA = Not applicable

LT = Less than

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

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DETAILED RESULTS:

FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specime	8					
Test Item	Test Co	ndition	Result	Result	RL	Limit
restitem	Temp.	Duration	(ppm)	(ppm)	(ppm)	(ppm)
Distilled water extractive	Fill boiling Until Cool to 100°F		15		10	50
Conclusion			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.

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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	3				
Test Simulant	Test Co	ndition	Result	RL	Limit
rest simulant	Temp.	Duration		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		

Specimen No	4				
Tost Simulant	Test Condition		Daguit	RL	Limit
Test Simulant	Temp.	Duration	Result	KL	Limit
Distilled water extractive (mg/in²)	120°F	2 hours	ND	0.001	0.003
% Acetic acid extractive (mg/in²) 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).

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DETAILED RESULTS:

FDA 21 CFR 180.22 and 181.32, Acrylonitrile/Butadiene/Styrene Copolymers

Test Method: FDA 21 CFR 180.22 and 181.32

Analytical Method: Headspace-Gas Chromatography with Mass Spectrometry

Acrylonitrile Monomers:

Specimen No	5				
Test Simulant	Test Condition		Docul+	RL	Limit
rest simulant	Temp.	Duration	Result	NL .	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				

Specimen No	6				
Tost Simulant	Test Condition		Docul+	RL	Limit
Test 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)	6 Acetic acid extractive (mg/in²) 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).

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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	8	9	
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.	10					
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Total Lead (Pb)	ND					90
Conclusion	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)

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coating with translucent lacquer	On outer wall (black style)
2	White coating with translucent lacquer	On outer wall (white style)
3	Clear black plastic (AS)	Lid (black style)
4	Clear plastic (AS)	Lid (white style)
5	Transparent black plastic (ABS)	Slider (black style)
6	Transparent plastic (ABS)	Slider (white style)
7	Black foam with adhesive	Pad of bottom (all styles)
8	Black soft plastic (Silica Gel)	Gasket (all styles)
9	Silvery metal (304)	Inner wall (all styles)
10	Dull silvery metal	Outer wall (all styles)

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SAMPLE PHOTO:





-End Report-

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