

## TEST REPORT

Test Report # 18H-009961 Date of Report Issue: January 10, 2019  
Date of Sample Received: December 27, 2018 Pages: Page 1 of 12

### CLIENT INFORMATION:

Company: Hit Promotional Products  
Recipient: Nathan Cotter  
Recipient Email: ncotter@hitpromo.net



### SAMPLE INFORMATION:

Description:	30 oz. Himalayan Tumbler	Purchase Order Number:	293457
Assortment:	2 colors	Agent:	Growth-Sonic
SKU No.:	5791	Country of Origin:	China
Factory No.:	127678	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	-
Quantity Submitted:	5 pcs per style	Tested Age Grade:	-
Testing Period:	12/28/2018 – 01/10/2019		

### 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 <sup>#</sup>
PASS	Client's Requirement, Bisphenol A and Bisphenol S <sup>#</sup>
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets <sup>#</sup>
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	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	90
<b>Conclusion</b>	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	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	90
<b>Conclusion</b>	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.	2+3	4	5	6	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	100
<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 = 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.	2+3	4	5	6	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	---	100
<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 = 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:****FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers**

Test Method: In-House Method<sup>#</sup>  
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	6	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	18.4	---	---	---	---	<b>GT 16</b>
<b>Conclusion</b>	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 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.		2	3	4	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	ND	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND	---	ND
<b>Conclusion</b>		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)



**DETAILED RESULTS:****FDA 21 CFR 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210<sup>#</sup>

Specimen No.			4	---	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	---	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.			2	RL	Limit
Test Simulant	Test Condition		Result		
	Temp.	Duration			
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.			3	RL	Limit
Test Simulant	Test Condition		Result		
	Temp.	Duration			
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).



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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black coating	On outer wall (black style)
2	Transparent plastic (AS)	Lid/ slider (silver style)
3	Transparent black plastic (AS)	Lid/ slider (black style)
4	Black soft plastic (Silicone)	Gasket (all styles)
5	Black foam with adhesive	Base (all styles)
6	Silvery metal	Inner wall (all styles)

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**SAMPLE PHOTO:**



-End Report-