



# **TEST REPORT**

Test Report # 19H-008656 Date of Report Issue: December 3, 2019

Date of Sample Received: November 25, 2019 Page 1 of 15 Pages:

**CLIENT INFORMATION:** 

**Hit Promotional Products** Company:

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net

**SAMPLE INFORMATION:** 

12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER / 200Z Description:

**CORK BOTTOM TUMBLER WITH PP INNER** 

Assortment: 5 colors / 4 colors Purchase Order Number: 345541 / 345543

SKU No.: 5447 / 5448 **Growth-Sonic** Agent:

127955 Country of Origin: China Factory No.:

Country of Distribution: Labeled Age Grade: **United States** 

**Quantity Submitted:** Recommended Age Grade: Refer to Page 2

**Testing Period:** 11/25/2019 - 12/03/2019 Tested Age Grade:

**OVERALL RESULT:** 

**PASS** 

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

QIMA Testing (HK) Limited



Loska Yeung Lok Ka Assistant Manager, Chemical Laboratory

QIMA Testing (HK) Limited • 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China • Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB)

according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with ' $\phi$ ' was subcontracted to external laboratory.

The test result(s) and conclusion(s) in this report relate only to the sample(s) as received and method /regulation section(s) tested as described herein.



Test Report #: 19H-008656 Page 2 of 15

### **QUANTITY SUBMITTED DETAILED:**

Style description	Qty.
12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER - Red	5 pcs
12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER - Blue	5 pcs
12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER - Black	5 pcs
12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER - White	5 pcs
12 OZ DOUBLE WALL SQUARE STAINLESS TUMBLER WITH PP INNER - Stainless	5 pcs
200Z CORK BOTTOM TUMBLER WITH PP INNER - Navy	5 pcs
200Z CORK BOTTOM TUMBLER WITH PP INNER - Black	5 pcs
200Z CORK BOTTOM TUMBLER WITH PP INNER - White	5 pcs
200Z CORK BOTTOM TUMBLER WITH PP INNER - Stainless	4 pcs



Test Report #: 19H-008656 Page 3 of 15

### **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	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 Homopolymers
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



Test Report #: 19H-008656 Page 4 of 15

#### **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	32				90
Conclusion	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.



Test Report #: 19H-008656 Page 5 of 15

#### **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	Result	Result	Result	Result	Limit
rest item	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Total Lead (Pb)	ND	32				90
Conclusion	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.



Test Report #: 19H-008656 Page 6 of 15

### **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	14	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	

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.



Test Report #: 19H-008656 Page 7 of 15

### **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	14	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	

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.



Test Report #: 19H-008656 Page 8 of 15

### **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	11		
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	Limit (ppb)
Bisphenol A (BPA)	80-05-7	ND	ND	ND		ND
Bisphenol S (BPS)	80-09-1	ND	ND	ND		ND
Conclusi	ion	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)



Test Report #: 19H-008656 Page 9 of 15

### **DETAILED RESULTS:**

### FDA 21 CFR 177.1210, Closures with Sealing Gaskets

Test Method: FDA 21 CFR 177.1210#

Specime	12	13				
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 <sup>0</sup> 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.



Test Report #: 19H-008656 Page 10 of 15

### **DETAILED RESULTS:**

# FDA 21 CFR 177.1520, Polypropylene Homopolymers

Test Method: FDA 21 CFR 177.1520

Specimen No.			11			
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.907		NA	0.880 - 0.913
Melting point (°C)	NA	NA	169.3		NA	150 – 180
n-Hexane extractive (%)	Reflux	2 hours	1.6		0.1	6.4
Xylene extractive (%)	120°C	2 hours or until total dissolved	2.4		0.5	9.8
		Conclusion	PASS			

# Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = 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) 1.1.



Test Report #: 19H-008656 Page 11 of 15

### **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	ndition	Result	DI	Limit
rest simulant	Temp.	Duration	Result	RL	Limit
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).



Test Report #: 19H-008656 Page 12 of 15

### **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	7+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	32	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 mg/kg)

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



Test Report #: 19H-008656 Page 13 of 15

### **SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red coating	On outer body (12 OZ – red style)
2	Blue coating	On outer body (12 OZ – blue style)
3	Black coating	On outer body (all black styles)
4	White coating	On outer body (all white styles)
5	Navy coating	On outer body (20 OZ – navy style)
6	Translucent soft plastic	Gasket (all styles)
7	Clear plastic (AS)	Lid/ slider (all styles)
8	Black plastic	Inner body (all styles); base (all 20 OZ styles)
9	Multicolor soft plastic	Outer bottom (all 20 OZ styles)
10	Black foam with adhesive	Base pad (all 12 OZ styles)
11	Black plastic (PP-homo)	Inner body (all styles)
12	Translucent soft plastic (silicone)	Gasket (all 12 OZ styles)
13	Translucent soft plastic (silicone)	Gasket (all 20 OZ styles)
14	Silvery metal	Outer body (all styles)



Test Report #: 19H-008656 Page 14 of 15

### **SAMPLE PHOTO:**





QIMA Testing (HK) Limited • 3/F Liven House, No. 61 – 63 King Yip Street, Kwun Tong, Kowloon, HKSAR, China • Tel: (852)3185 8000. The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation. ANAB is recognized by ILAC, APAC and IAAC as a signatory of multilateral recognition arrangements that facilitate acceptance of test internationally. Test(s) marked with '\$\phi\$' was subcontracted to external laboratory.



Test Report #: 19H-008656 Page 15 of 15

### **SAMPLE PHOTO:**



-End Report-