



TEST REPORT

Test Report # 18H-008967 Date of Report Issue: November 29, 2018
 Date of Sample Received: November 19, 2018 Pages: Page 1 of 10

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description:	White Square Mug	Purchase Order Number:	287128
Assortment:	1 color	Agent:	Growth-Sonic
SKU No.:	8120	Country of Origin:	China
Factory No.:	127604	Labeled Age Grade:	-
Country of Distribution:	United States	Recommended Age Grade:	-
Quantity Submitted:	15 pcs + 1 lot Parts	Tested Age Grade:	-
Testing Period:	11/19/2018 – 11/29/2018		

OVERALL RESULT:



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

ANSECO GROUP (HK) LIMITED

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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, Total Lead in Glass and Ceramic Materials [#]
PASS	California Proposition 65, Total Lead in Glass and Ceramic Materials [#]
PASS	California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment over 2,000 Pieces) – Interior
PASS	FDA CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior
PASS	California Proposition 65 Case No. CGC-04-436429, Lead and Cadmium from Beverage Products – External Decoration [#]



DETAILED RESULTS:

CPSIA Section 101, Total Lead in Glass and Ceramic Materials

Test Method: In-House Method#
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	4	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
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.

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**DETAILED RESULTS:****California Proposition 65, Total Lead in Glass and Ceramic Materials**Test Method: In-House Method[#]

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3	4	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
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.

**DETAILED RESULTS:****California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment over 2,000 Pieces) – Interior**

Test Method: ASTM C738-94(Reapproved 2011)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1A	1B	1C	1D	1E	1F	1G
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)
Volume of acid used (mL)	480	480	480	480	480	480	480
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	ND
Conclusion							

Specimen No.	1H	1I	1J	1K	1L	Average (mg/L)	Limit (mg/L)
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)		
Volume of acid used (mL)	480	480	480	480	480		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.049
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	0.100
Conclusion						PASS	

Note:

mL = Millilitres

mg/L (Milligrams per litre) = ppm (Parts per million)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting Limit: Pb = 0.04 mg/L; Cd = 0.02 mg/L)



	Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
X	Cups and Mugs (Average of 12)	0.049	0.100
	Flatware (Average of 12)	0.189	0.226
	Large Hollowware (Average of 12)	0.049	0.100
	Small Hollowware (Average of 12)	0.049	0.100
	Pitchers (Average of 12)	0.049	0.100

**DETAILED RESULTS:****FDA CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior**

Test Method: ASTM C738-94(Reapproved 2011)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1A	1B	1C	1D	1E	1F	Average (mg/L)	Limit (mg/L)
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)		
Volume of acid used (mL)	480	480	480	480	480	480		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	NA	0.5
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS		

Note:

mL = Millilitres

mg/L (Milligrams per litre) = ppm (Parts per million)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting Limit: Pb = 0.04 mg/L; Cd = 0.02 mg/L)

Category		Leachable Cd (mg/L)	Leachable Pb (mg/L)
X	Cups and Mugs (Any of 6)	0.5	0.5
	Flatware (Average of 6)	0.5	3.0
	Large Hollowware (Any of 6)	0.25	1.0
	Small Hollowware (Any of 6)	0.5	2.0
	Pitchers (Any of 6)	0.25	0.5

**DETAILED RESULTS:****California Proposition 65 Case No. CGC-04-436429, Lead and Cadmium from Beverage Products – External Decoration**Test Method: NIOSH Method 9100[#]

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2	---	---	---	---	Limit (µg/article)
Test Item	Result (µg/article)	Result (µg/article)	Result (µg/article)	Result (µg/article)	Result (µg/article)	
Cadmium (Cd)	ND	---	---	---	---	1.0
Lead (Pb)	ND	---	---	---	---	1.0
Conclusion	PASS	---	---	---	---	

Note:

µg/article = Micrograms per article

LT = Less than

ND = Not detected (Reporting Limit = 0.4 µg/article)

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	White printed dull white ceramic with transparent glass	Interior of mug
2	White printed dull white ceramic with transparent glass	External decoration of mug
3	Transparent glass	Mug
4	White printed dull white ceramic	Mug



SAMPLE PHOTO:



-End Report-