





TEST REPORT

Test Report # 16H-03865 Date of Report Issue: August 30, 2016

Date of Sample Received: July 6, 2016 Pages: Page 1 of 25

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net



SAMPLE INFORMATION:

Description: 4oz Mason Jar Shot Glass, Drinking Glass, Shot Glass, 16oz. Mason Jar, 16oz.

Classic Ale Pint Glass, 8oz. shot glass

Assortment: 6 different styles Purchase Order Number: 171400

SKU No.: 6018, 6016, 6017, 6020, Agent: Libbey Glass Inc.

6015, 6019

Factory No.: 145150 Country of Origin: United States

Country of Distribution: United States Labeled Age Grade:
Quantity Submitted: Refer to Page 2 Recommended Age Grade:
Testing Period: 08/15/2016 - 08/30/2016 Tested Age Grade: -

OVERALL RESULT:

P PASS

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

ANSECO GROUP (HK) LIMITED

Vincent Chow Wai Kit

Manager, Chemical Laboratory

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Test Report # 16H-03865 Pages: Page 2 of 25

QUANTITY SUBMITTED DETAILED:

Style description	Qty.
4oz Mason Jar Shot Glass	12 pcs
Drinking Glass	12 pcs
Shot Glass	11 pcs
16oz. Mason Jar	12 pcs
16oz. Classic Ale Pint Glass	12 pcs
Shot Glass - with logo	2 pcs
5oz Mason Jar Shot Glass	12 pcs

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Test Report # 16H-03865 Pages: Page 3 of 25

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 Case No. 938430, Leachable Lead and Cadmium from
PASS	Tableware (Shipment over 2,000 Pieces) – Interior
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation
PA33	SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates#
DACC	Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead
PASS	and Cadmium from Ceramics and Glassware – Interior

Remark:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings and Canadian Surface Coating Materials Regulations (SOR/2016-193), Total Lead and Mercury in Surface Coating Materials were not conducted as no paint and similar surface coating found on received sample.

Client's Requirement: Bisphenol A and Bisphenol S was not conducted as no plastic or surface coating found on received sample.

FDA CPG 545.400 & CPG 545.450, Leachable Cadmium & Lead from Ceramics – Interior was not conducted as no requirement for glass.

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Test Report # 16H-03865 Pages: Page 4 of 25

DETAILED RESULTS:

CPSIA Section 101, Total Lead in Glass and Ceramic Materials

Test Method: AI|ANSECO Method#

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	35					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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Test Report # 16H-03865 Pages: Page 5 of 25

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.	2A	2B	2C	2D	2E	2F	2G
Test Item	Result (mg/L)						
Volume of acid used (mL)	110	110	110	110	110	110	110
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	2H	21	2J	2K	2L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	110	110	110	110	110		
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)

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Test Report # 16H-03865 Pages: Page 6 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
Х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 7 of 25

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.	3A	3B	3C	3D	3E	3F	3G
Test Item	Result (mg/L)						
Volume of acid used (mL)	440	440	440	440	440	440	440
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	3H	31	3J	3K	3L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	440	440	440	440	440		
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)

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Test Report # 16H-03865 Pages: Page 8 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 9 of 25

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.	4A	4B	4C	4D	4E	4F	4G
Test Item	Result (mg/L)						
Volume of acid used (mL)	35	35	35	35	35	35	35
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	4H	41	4J	4K	4L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	35	35	35	35	35		
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)

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Test Report # 16H-03865 Pages: Page 10 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 11 of 25

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.	5A	5B	5C	5D	5E	5F	5G
Test Item	Result (mg/L)						
Volume of acid used (mL)	450	450	450	450	450	450	450
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	5H	51	5J	5K	5L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	450	450	450	450	450		
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)

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Test Report # 16H-03865 Pages: Page 12 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 13 of 25

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.	6A	6B	6C	6D	6E	6F	6G
Test Item	Result (mg/L)						
Volume of acid used (mL)	370	370	370	370	370	370	370
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	6Н	61	6J	6K	6L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	370	370	370	370	370		
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)

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Test Report # 16H-03865 Pages: Page 14 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 15 of 25

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.	7A	7B	7C	7D	7E	7F	7G
Test Item	Result (mg/L)						
Volume of acid used (mL)	230	230	230	230	230	230	230
Leachable Cadmium (Cd)	ND						
Leachable Lead (Pb)	ND						
Conclusion							

Specimen No.	7H	71	7 J	7K	7L		
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Average (mg/L)	Limit (mg/L)
Volume of acid used (mL)	230	230	230	230	230		
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)

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Test Report # 16H-03865 Pages: Page 16 of 25

		Category	Leachable Cd (mg/L)	Leachable Pb (mg/L)
	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
Х	Small Hollowware	(Average of 12)	0.049	0.100
	Pitchers	(Average of 12)	0.049	0.100

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Test Report # 16H-03865 Pages: Page 17 of 25

DETAILED RESULTS:

Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates

Test Method: AI|ANSECO Method#

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	35					90
Conclusion	PASS					

Note:

CS-HK-RE005-HITP

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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Ver.06



Test Report # 16H-03865 Pages: Page 18 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2A	2B	2C	2D	2E	2F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	110	110	110	110	110	110	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 19 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	3A	3B	3C	3D	3E	3F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	440	440	440	440	440	440	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 20 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4A	4B	4C	4D	4E	4F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	35	35	35	35	35	35	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 21 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	5A	5B	5C	5D	5E	5F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	450	450	450	450	450	450	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 22 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	6A	6B	6C	6D	6E	6F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	370	370	370	370	370	370	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 23 of 25

DETAILED RESULTS:

Canadian Glazed Ceramics and Glassware Regulations SOR/2016-175, Leachable Lead and Cadmium from Ceramics and Glassware – Interior

Test Method: ISO 6486-1:1999

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	7A	7B	7C	7D	7E	7F	
Test Item	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Result (mg/L)	Limit (mg/L)
Volume of acid used (mL)	230	230	230	230	230	230	
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	0.5
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	2.0
Conclusion	PASS	PASS	PASS	PASS	PASS	PASS	

Note:

mL = Millilitres

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

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)
	Cups and Mugs	(Any of 6)	0.50	0.5
	Flatware	(Any of 6)	0.50	3.0
	Large Hollowware	(Any of 6)	0.25	1.0
х	Small Hollowware	(Any of 6)	0.50	2.0
	Pitchers	(Any of 6)	0.25	0.5

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Test Report # 16H-03865 Pages: Page 24 of 25

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Transparent glass	Glass (all styles)
2	Transparent glass	Interior of glass (4oz Mason Jar Shot Glass style)
3	Dull transparent glass	Interior of glass (Drinking Glass style)
4	Matt transparent glass	Interior of glass (Shot Glass style)
5	Shiny transparent glass	Interior of glass (16oz. Mason Jar style)
6	Bright transparent glass	Interior of glass (16oz. Classic Ale Pint Glass style)
7	Sharp transparent glass	Interior of glass (5oz Mason Jar Shot Glass style)

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Test Report # 16H-03865 Pages: Page 25 of 25

SAMPLE PHOTO:





-End Report-

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