

# TEST REPORT

Test Report # 17H-000191 Date of Report Issue: January 26, 2017  
Date of Sample Received: January 9, 2017 Pages: Page 1 of 11

## CLIENT INFORMATION:

Company: Numo Manufacturing  
Recipient: Rebecca Williams  
Recipient Email: rwilliams@numomfg.com



## SAMPLE INFORMATION:

Description: Ceramic Shot Glasses - Black, White, Cobalt  
Assortment: - Purchase Order Number: -  
SKU/style No.: - Toy Co./Agency: -  
Factory/Supplier/Vendor: - Country of Origin: China  
Country of Distribution: - Labeled Age Grade: -  
Quantity Submitted: 11 pcs (Cobalt), 7 pcs (Black, White) Recommended Age Grade: -  
Testing Period: 01/16/2017 – 01/26/2017 Tested Age Grade: -

## OVERALL RESULT:

 **PASS**

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	Client's Requirement, Total Cadmium in Glass and Ceramic Materials <sup>#</sup>
PASS	California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment under 2,000 Pieces) – Interior
PASS	FDA CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior

**DETAILED RESULTS:**

**Client’s Requirement, Total Cadmium in Glass and Ceramic Materials**

Test Method: AI|ANSECO Method#  
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	---	---	Leachable Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	<b>40</b>
<b>Conclusion</b>	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.

**DETAILED RESULTS:**

**California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment under 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	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	<b>0.049</b>
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	ND	<b>0.100</b>
<b>Conclusion</b>							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)
Cups and Mugs (Average of 6)	<b>0.049</b>	<b>0.100</b>
Flatware (Average of 6)	<b>0.189</b>	<b>0.226</b>
Large Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
X Small Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
Pitchers (Average of 6)	<b>0.049</b>	<b>0.100</b>

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**DETAILED RESULTS:**

**California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment under 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	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	<b>0.049</b>
Leachable Lead (Pb)	0.04	0.04	0.06	ND	0.05	ND	ND	<b>0.100</b>
<b>Conclusion</b>							PASS	

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 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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Flatware (Average of 6)	<b>0.189</b>	<b>0.226</b>
Large Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
X Small Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
Pitchers (Average of 6)	<b>0.049</b>	<b>0.100</b>

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**DETAILED RESULTS:**

**California Proposition 65 Case No. 938430, Leachable Lead and Cadmium from Tableware (Shipment under 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	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	ND	<b>0.049</b>
Leachable Lead (Pb)	ND	0.05	0.05	0.05	ND	ND	ND	<b>0.100</b>
<b>Conclusion</b>							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)
Cups and Mugs (Average of 6)	<b>0.049</b>	<b>0.100</b>
Flatware (Average of 6)	<b>0.189</b>	<b>0.226</b>
Large Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
X Small Hollowware (Average of 6)	<b>0.049</b>	<b>0.100</b>
Pitchers (Average of 6)	<b>0.049</b>	<b>0.100</b>

**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.	4A	4B	4C	4D	4E	4F	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	<b>0.5</b>
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	NA	<b>2.0</b>
<b>Conclusion</b>	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)
Cups and Mugs (Any of 6)	<b>0.5</b>	<b>0.5</b>
Flatware (Average of 6)	<b>0.5</b>	<b>3.0</b>
Large Hollowware (Any of 6)	<b>0.25</b>	<b>1.0</b>
X Small Hollowware (Any of 6)	<b>0.5</b>	<b>2.0</b>
Pitchers (Any of 6)	<b>0.25</b>	<b>0.5</b>

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**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.	5A	5B	5C	5D	5E	5F	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	<b>0.5</b>
Leachable Lead (Pb)	0.04	0.04	0.06	ND	0.05	ND	NA	<b>2.0</b>
<b>Conclusion</b>	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)
Cups and Mugs (Any of 6)	<b>0.5</b>	<b>0.5</b>
Flatware (Average of 6)	<b>0.5</b>	<b>3.0</b>
Large Hollowware (Any of 6)	<b>0.25</b>	<b>1.0</b>
X Small Hollowware (Any of 6)	<b>0.5</b>	<b>2.0</b>
Pitchers (Any of 6)	<b>0.25</b>	<b>0.5</b>

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**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.	6A	6B	6C	6D	6E	6F	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)	40	40	40	40	40	40		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	<b>0.5</b>
Leachable Lead (Pb)	ND	0.05	0.05	0.05	ND	ND	NA	<b>2.0</b>
<b>Conclusion</b>	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)
Cups and Mugs (Any of 6)	<b>0.5</b>	<b>0.5</b>
Flatware (Average of 6)	<b>0.5</b>	<b>3.0</b>
Large Hollowware (Any of 6)	<b>0.25</b>	<b>1.0</b>
X Small Hollowware (Any of 6)	<b>0.5</b>	<b>2.0</b>
Pitchers (Any of 6)	<b>0.25</b>	<b>0.5</b>

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black printed white ceramic	Body (black style)
2	White printed white ceramic	Body (white style)
3	Blue printed white ceramic	Body (cobalt style)
4	Black printed white ceramic	Interior of shot glass (black style)
5	White printed white ceramic	Interior of shot glass (white style)
6	Blue printed white ceramic	Interior of shot glass (cobalt style)

**SAMPLE PHOTO:**



-End Report-