

TEST REPORT

Test Report # 19H-008159 Date of Report Issue: November 16, 2019
Date of Sample Received: November 5, 2019 Pages: Page 1 of 11

CLIENT INFORMATION:

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



SAMPLE INFORMATION:

Description: B730 - WHITE, BLACK, COBALT
Assortment: - Purchase Order Number: -
SKU/style No.: - Toy Co./Agency: -
Factory/Supplier/Vendor: Numo Manufacturing Country of Origin: China
Country of Distribution: - Labeled Age Grade: -
Quantity Submitted: 12 pcs per style Recommended Age Grade: -
Testing Period: 11/05/2019 – 11/16/2019 Tested Age Grade: -
Previous Test Report No.: 19H-007235

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

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 ^ϕ
PASS	California Proposition 65, Leachable Lead and Cadmium from Food Contact Articles – 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: In-House Method^ϕ
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4	5	6	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cadmium (Cd)	ND	ND	ND	---	---	40
Conclusion	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, Leachable Lead and Cadmium from Food Contact Articles – Interior

Test Method: ASTM C738-94(Reapproved 2016)
 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)	470	470	470	470	470	470		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	0.189
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	NA	0.100
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)	0.189	0.100
	Flatware (Average of 6)	0.5	0.226
	Large Hollowware (Any of 6)	0.049	0.100
	Small Hollowware (Any of 6)	0.189	0.100
	Pitchers (Any of 6)	0.049	0.100

DETAILED RESULTS:

California Proposition 65, Leachable Lead and Cadmium from Food Contact Articles – Interior

Test Method: ASTM C738-94(Reapproved 2016)
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	2A	2B	2C	2D	2E	2F	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)	470	470	470	470	470	470		
Leachable Cadmium (Cd)	ND	ND	ND	ND	ND	ND	NA	0.189
Leachable Lead (Pb)	ND	ND	ND	ND	ND	ND	NA	0.100
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DETAILED RESULTS:

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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 2016)
 Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1A	1B	1C	1D	1E	1F	Average (mg/L)	Limit (mg/L)
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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:

FDA CPG 545.400 & CPG 545.450, Leachable Cadmium and Lead from Ceramics – Interior

Test Method: ASTM C738-94(Reapproved 2016)
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Conclusion	PASS	PASS	PASS	PASS	PASS	PASS		

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	Small Hollowware (Any of 6)	0.5	2.0
	Pitchers (Any of 6)	0.25	0.5

SPECIMEN DESCRIPTION:

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

SAMPLE PHOTO:



-End Report-