



# TEST REPORT

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 DATE : August 8, 2022  
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**APPLICANT:****NINE UNITED LIMITED**

19/FL, SEAVIEW COMMERCIAL BUILDING 21-24, CONNAUGHT ROAD WEST, HONGKONG

Date of Submission: August 2, 2022

Test Period: August 2, 2022 to August 8, 2022

Sample Mode: Sample Presentation

Sample Description: Sample(s) received is/are stated to be:

A) Milk Glassware

Test Item(s): Details see page 3

Color: Transparent/lake green/yellow/grey

Age Grade: /

Vendor: /

Manufacturer: /

End Buyer: /

Model No./ Style No(s): /

PO No.: /

Supplier Reference: /

Country of Origin: China

Country of Destination: DK

**Overall Conclusion:** The test parameter(s) **MEET** the respective requirements for the below tested items as stated in French Decree 2007-766 for materials in contact with foodstuffs.

**SUMMARY OF TEST RESULTS**

TEST REQUESTED	CONCLUSION
Extractable Lead and Cadmium in Glass and Enamel Wares in Contact with Foodstuffs – French Decree 2007-766 and French DGCCRF Sheet MCDA n°2 (V01 – 01/05/2016) Food contact - Inorganic materials (excluding metals and alloys)	PASS
Extractable Aluminum, Cobalt and Arsenic in Ceramic, Glass, Enamel Wares and Slate Materials in Contact with Foodstuffs – French DGCCRF Sheet MCDA n°2 (V01 – 01/05/2016) Food contact - Inorganic materials (excluding metals and alloys)	PASS
Extractable Barium, Nickel and Chromium in Ceramic, Glass, Enamel Wares and Slate Materials in Contact with Foodstuffs – French DGCCRF letter (18 April 2014)	DATA

**REMARK**

If there are questions or concerns on this report, please contact the following persons:

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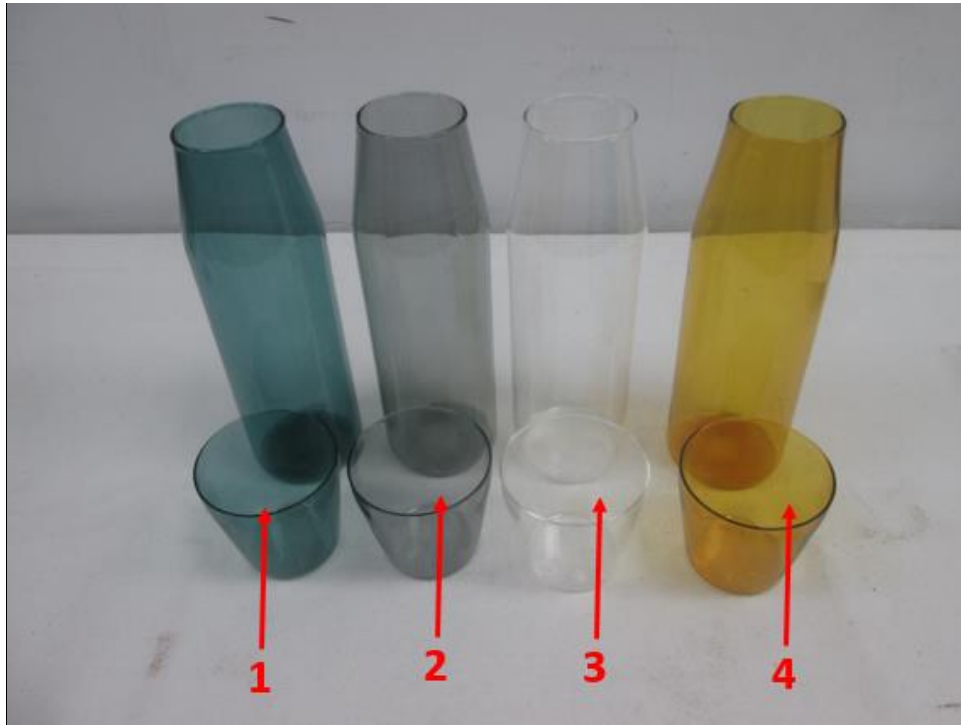
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**Photo of the Tested Sample**





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## TEST RESULT

### Sample Description Assigned by Laboratory:

Test Item	Description	Client Claimed Material
1	Lake green glass cup	Glass
2	Grey glass cup	Glass
3	Transparent glass cup	Glass
4	Yellow glass cup	Glass

### I. Extractable Lead and Cadmium in Glass and Enamel Wares in Contact with Foodstuffs – French Decree 2007-766 and French DGCCRF Sheet MCDA n°2 (V01 – 01/05/2016) Food contact - Inorganic materials (excluding metals and alloys)

Tested Item : 1  
Category : 2  
Internal Depth (mm) : 72  
Surface Area (dm<sup>2</sup>) : /

Unit	Leaching Volume (mL)	Result (mg/L)	
		Extractable Lead (Pb)	Extractable Cadmium (Cd)
1	250	<0.05	<0.01
Conclusion	-	PASS	PASS

Tested Item : 2  
Category : 2  
Internal Depth (mm) : 72  
Surface Area (dm<sup>2</sup>) : /

Unit	Leaching Volume (mL)	Result (mg/L)	
		Extractable Lead (Pb)	Extractable Cadmium (Cd)
1	250	<0.05	<0.01
Conclusion	-	PASS	PASS

Tested Item : 3  
Category : 2  
Internal Depth (mm) : 72  
Surface Area (dm<sup>2</sup>) : /

Unit	Leaching Volume (mL)	Result (mg/L)	
		Extractable Lead (Pb)	Extractable Cadmium (Cd)
1	250	<0.05	<0.01
Conclusion	-	PASS	PASS

Tested Item : 4  
Category : 2  
Internal Depth (mm) : 72  
Surface Area (dm<sup>2</sup>) : /

Unit	Leaching Volume (mL)	Result (mg/L)	
		Extractable Lead (Pb)	Extractable Cadmium (Cd)
1	250	<0.05	<0.01
Conclusion	-	PASS	PASS



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### TEST RESULT

Note: “<” = less than  
mm = millimetre  
mL = milliliter  
dm<sup>2</sup> = square decimeter  
mg/dm<sup>2</sup> = milligrams per square decimeter  
mg/L = milligrams per liter

Method: EN 1388-1:1995.

Remark: Category 1 - Articles which cannot be filled and articles which can be filled, the internal depth of which, measured from the lowest point to the horizontal plane passing through the upper rim, does not exceed 25 mm.  
Category 2 - Articles, not in categories 1 or 3, which can be filled.  
Category 3 - Packaging and storage vessels having a capacity of more than 3 L and cooking ware.

Limit of extractable lead and cadmium in ceramic wares listed in below table.

Category	Unit	Maximum Allowable Limit	
		Lead	Cadmium
1	mg/dm <sup>2</sup>	0.8	0.07
2	mg/L	4.0	0.3
3	mg/L	1.5	0.1



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### TEST RESULT

**II. Extractable Aluminum, Cobalt and Arsenic in Ceramic, Glass, Enamel Wares and Slate Materials in Contact with Foodstuffs – French DGCCRF Sheet MCDA n°2 (V01 – 01/05/2016) Food contact - Inorganic materials (excluding metals and alloys)**

Tested Item : 1

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Aluminum (Al)	mg/kg	1.0	< 0.1
Cobalt (Co)	mg/kg	0.02	< 0.001
Arsenic (As)	mg/kg	ND	< 0.002
<b>Conclusion</b>	-	-	PASS

Tested Item : 2

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Aluminum (Al)	mg/kg	1.0	< 0.1
Cobalt (Co)	mg/kg	0.02	< 0.001
Arsenic (As)	mg/kg	ND	< 0.002
<b>Conclusion</b>	-	-	PASS

Tested Item : 3

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Aluminum (Al)	mg/kg	1.0	< 0.1
Cobalt (Co)	mg/kg	0.02	< 0.001
Arsenic (As)	mg/kg	ND	< 0.002
<b>Conclusion</b>	-	-	PASS

Tested Item : 4

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Aluminum (Al)	mg/kg	1.0	< 0.1
Cobalt (Co)	mg/kg	0.02	< 0.001
Arsenic (As)	mg/kg	ND	< 0.002
<b>Conclusion</b>	-	-	PASS



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### TEST RESULT

Note: “<” = less than  
mm = millimetre  
mL = milliliter  
dm<sup>2</sup> = square decimeter  
mg/dm<sup>2</sup> = milligrams per square decimeter  
mg/L = milligrams per liter

Method: EN 1388-1:1995.

Remark: Category 1 - Articles which cannot be filled and articles which can be filled (including the utensils for cooking), the internal depth of which, measured from the lowest point to the horizontal plane passing through the upper rim, does not exceed 25 mm.  
Category 2 - Articles, not in categories 1 or 3, which can be filled.  
Category 3 - Packaging and storage vessels having a capacity of more than 3 L and cooking ware (others than those of category 1).

Limit of extractable lead and cadmium in glass wares listed in below table.

Category	Unit	Maximum Allowable Limit	
		Lead	Cadmium
1	mg/dm <sup>2</sup>	0.8	0.07
2	mg/L	4.0	0.3
3	mg/L	1.5	0.1



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### TEST RESULT

#### III. Extractable Barium, Nickel and Chromium in Ceramic, Glass, Enamel Wares and Slate Materials in Contact with Foodstuffs – French DGCCRF letter (18 April 2014)

Tested Item : 1

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Barium (Ba)	mg/kg	-	<0.001
Nickel (Ni)	mg/kg	-	0.0016
Chromium (Total Cr)	mg/kg	-	< 0.001
<b>Conclusion</b>	-	-	DATA

Tested Item : 2

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Barium (Ba)	mg/kg	-	<0.001
Nickel (Ni)	mg/kg	-	0.0015
Chromium (Total Cr)	mg/kg	-	< 0.001
<b>Conclusion</b>	-	-	DATA

Tested Item : 3

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Barium (Ba)	mg/kg	-	<0.001
Nickel (Ni)	mg/kg	-	<0.001
Chromium (Total Cr)	mg/kg	-	< 0.001
<b>Conclusion</b>	-	-	DATA

Tested Item : 4

-	Unit	Req.	Result (3rd Migrate)
<b>Test Sample(s) / Trial(s)</b>	-	-	Trial 1
<b>Parameter</b>	-	-	-
Internal Volume	mL	-	-
Volume of Test Solution	mL	-	250
Barium (Ba)	mg/kg	-	<0.001
Nickel (Ni)	mg/kg	-	<0.001
Chromium (Total Cr)	mg/kg	-	< 0.001
<b>Conclusion</b>	-	-	DATA



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**TEST RESULT**

Note: “<” = less than  
ND = Not detected  
mL = milliliter  
mg/kg = milligram(s) per kilogram

Method: EN 1388-1:1995 (Modified).

Remark: The measurements are done during controls by French Authorities but for information only; no failure is concluded.

END