



Test Report

No.T52310271998TC

Date: APR 26, 2023

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BLOOMINGVILLE A/S

LENE HAUS VEJ 3-5 DK-7430 IKAST DENMARK

The following samples were submitted and identified by/on behalf of the client as:

NINKA MUG, ORANGE, STONEWARE

Item No. : 82060492
P.O. No. : 68262
Importer : BLOOMINGVILLE A/S
Buyer : BLOOMINGVILLE A/S
Supplier : BLOOMINGVILLE A/S
Manufacturer : BLOOMINGVILLE A/S
Country of Origin : CHINA
Country of Destination : DENMARK

Sample Receiving Date : APR 21, 2023

Testing Period : APR 21, 2023 TO APR 26, 2023



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Shenzhen Branch Testing Center Hardlines

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Test Requested		Conclusion
1.	The EC Regulation 1935/2004/EC and the European Council Directive 84/500/EEC and its amendment 2005/31/EC– Ceramic Articles intended to Come into Contact with Foodstuffs - migration Lead and Cadmium	PASS
2.	Danish Ordinance on materials and articles intended for food contact (BEK nr 681 of 25 May 2020) – Leachable Lead and Cadmium	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

Qu Ping, Kiky
Dept. Manager



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Results:
84/500/EEC and its Amendments 2005/31/EC - Extractable Lead and Cadmium

Method: With reference to Annex I of Council Directive 84/500/EEC and Annex I & Annex II of Commission Directive 2005/31/EC

Analysis was performed by Atomic Absorption Spectrometer (AAS)

Specimen No.1	Trial A	Category 2 Limit
Extractable Lead (mg/L)	< 0.10	4.0
Extractable Cadmium (mg/L)	< 0.02	0.3
Depth (mm)	63	--
Diameter (mm)	73	--
Volume of 4% Acetic Acid used (ml)	230	--

Specimen Description:

1. Glazed brown ceramic mug w/ orange pattern

Note:

- mg/L = milligram per liter
- mm = millimeter
- ml = milliliter
- < = less than

Ceramic article intended to contact with foodstuff is classified as below table according to 84/500/EEC

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 25mm.
Category 2	All other articles which can be filled
Category 3	Cooking ware; packaging and storage vessels having a capacity of more than 3 liters



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Danish Ordinance on materials and articles intended for food contact (BEK nr 681 of 25 May 2020) – Leachable Lead and Cadmium

Method : With reference to Danish Ordinance on materials and articles intended for food contact (BEK nr BEK nr 681 of 25 May 2020). Analysis was performed by Atomic Absorption Spectrometry

Test Item	Glazed brown ceramic mug w/ orange pattern	Reporting Limit	Category 2 Limit
	1		
Released Lead (mg/L)	ND	0.1	4.0
Released Cadmium (mg/L)	ND	0.01	0.3
Volume of 4% Acetic acid used (mL)	230	--	--
Height (mm)	63	--	--
Diameter (mm)	73	--	--
Comment	PASS	--	--

Test Item	Glazed brown ceramic mug w/ orange pattern	Reporting Limit	Drinking Rim Limit
	1		
Released Lead (mg/dm ²)	ND	0.1	0.8
Released Cadmium (mg/dm ²)	ND	0.01	0.07
Surface Area (dm ²)	0.46	--	--
Volume of 4% Acetic acid used (mL)	140	--	--
Height (mm)	63	--	--
Diameter (mm)	73	--	--
Comment	PASS	--	--

Note : 1. mg/L = milligram per liter
2. mg/dm² = milligram per square decimeter
3. ND = Not Detected

Remark : 1. Category 1 –
a. Articles which cannot be filled.
b. Articles for filling, whose internal depth measured between the lowest point and the upper edge horizontal level is not more than 25 mm.
c. Articles intended to drink of (Lip & rim region).
2. Category 2 – Articles, not in categories 1 or 3, which can be filled.
3. Category 3 –
a. Cooking ware
b. Packaging and storage vessels having a capacity of more than three litres.
4. Drinking rim –The drinking rim is the 20mm wide section, measured downwards from the upper edge along the wall of the vessel, of the external surface of a drinking vessel.



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Remark 2: The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012)- When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$

Sample Picture (As received)

Pic.1



SGS authenticate the photo on original report only

*** End of Report ***



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