

**Test Report** No.T52510291428TC Date: APR 19, 2025 Page 1 of 8

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:

JOSEPH MUG, GREEN, STONEWARE

Item No. : 82072433 P.O. No. : 70037

Buyer : BLOOMINGVILLE A/S

Country of Origin : CHINA
Country of Destination : DENMARK

\*\*\*\*\*\*\*\*\*\*\*\*\*

Sample Receiving Date : APR 11, 2025

Testing Period : APR 11, 2025 TO APR 19, 2025





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Test	Conclusion	
1.	Danish Ordinance on materials and articles intended for food contact (BEK nr 681 of 25 May 2020) – Leachable Lead and Cadmium	PASS
2.	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
3.	Norwegian Regulations 1993-12-21 nr 1381 –Forskrift om materialer og gjenstander i kontakt med næringsmidler (matemballasjeforskriften) Kapittel VI and Vedlegg III – Leachable Lead, Cadmium and Barium	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

Jia Fengjuan, Shelly Dept. Manager





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#### Results:

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

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.

			Result	Reporting	Category 2		
Test Item			1	Limit	Limit		
	Trial 1	Trial 2	Trial 3	Trial 4	Average		
Released Lead (mg/L)	ND	ND	ND	ND	ND	0.1	4.0
Released Cadmium (mg/L)	ND	ND	ND	ND	ND	0.01	0.3
Volume of 4% Acetic acid used (mL)	350	350	350	350			
Depth (mm)	85	85	85	85			
Diameter (mm)	94	94	94	94			
Comment	PASS						

## Sample Description:

1. Glazed cream ceramic mug w/ light brown pattern

Note: 1. mg/L = milligram per liter

2. 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.
- 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.
- 5. According to EN1388-1:1995 and EN 1388-2:1995, if the result of the first tested article does not exceed the limit by more than 150%, three more identical articles can be tested. The final result is passed if the average result does not exceed the limit with none of the articles exceeding the limit by more than 50%.



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			Reporting	Drinking			
Test Item			1	Limit	Rim Limit		
	Trial 1	Trial 2	Trial 3	Trial 4	Average		
Released Lead (mg/dm²)	ND	ND	ND	ND	ND	0.1	0.8
Released Cadmium (mg/dm²)	ND	ND	ND	ND	ND	0.01	0.07
Surface Area (dm²)	1.18	1.18	1.18	1.18			
Volume of 4% Acetic acid used (mL)	350	350	350	350			
Depth (mm)	85	85	85	85			
Diameter (mm)	94	94	94	94			
Comment	PASS						

## Sample Description:

1. Glazed cream ceramic mug w/ light brown pattern

Note: 1.  $mg/dm^2 = milligram per square decimeter$ 

2. 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.
- 5. According to EN1388-1:1995 and EN 1388-2:1995, if the result of the first tested article does not exceed the limit by more than 150%, three more identical articles can be tested. The final result is passed if the average result does not exceed the limit with none of the articles exceeding the limit by more than 50%.



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## 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	Trial B	Trial C	Trial D	Average	Category 2 Limit
Extractable Lead (mg/L)	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	4.0
Extractable Cadmium (mg/L)	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.3
Depth (mm)	85	85	85	85		
Diameter (mm)	94	94	94	94		
Volume of 4% Acetic Acid used (ml)	350	350	350	350		

## Specimen Description:

1. Glazed cream ceramic mug w/ light brown pattern

Note: - mg/L = milligram per liter

- mm = millimeter

- ml = milliliter

- < = less than</p>

According to 84/500/EEC and EN 1388-2:1995 and DGCCRF MCDA n°2 (V01 – 01/05/2016), if the
result of the first tested article does not exceed the limit by more than 150%, three more identical
articles can be tested. The final result is passed if the average result does not exceed the limit with
none of the articles exceeding the limit by more than 50%.

## 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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Norwegian Regulations 1993-12-21 nr 1381 –Forskrift om materialer og gjenstander i kontakt med næringsmidler (matemballasjeforskriften) Kapittel VI and Vedlegg III – Leachable Lead, Cadmium and Barium

Method: With reference to Norwegian regulation FOR 1993-12-21 nr 1381 section 26. Analysis was performed by Atomic Absorption Spectrometry / Inductively coupled plasma-mass spectrometry

(ICP-MS).

		Res	sults	Reporting	Hollowware	
Test Item			1			
	Trial 1	Trial 2	Trial 3	Trial 4	Limit	Limit
Released Lead (mg/L)	ND	ND	ND	ND	0.05	0.1
Released Cadmium (mg/L)	ND	ND	ND	ND	0.01	0.01
Released Barium (mg/L)	ND	ND	ND	ND	0.1	1
Volume of 4% Acetic acid used (mL)	350	350	350	350		
Depth (mm)	85	85	85	85		
Diameter (mm)	94	94	94	94		
Comment	PASS					

#### Specimen Description:

1. Glazed cream ceramic mug w/ light brown pattern



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		Res	sults	Reporting	Drinking Rim	
Test Item		•	1			
	Trial 1	Trial 2	Trial 3	Trial 4	Limit	Limit
Released Lead (mg/dm²)	ND	ND	ND	ND	0.01	0.02
Released Cadmium (mg/dm²)	ND	ND	ND	ND	0.001	0.002
Released Barium (mg/dm²)	ND	ND	ND	ND	0.1	0.2
Volume of 4% Acetic acid used (mL)	240	240	240	240		
Surface Area (dm²)	1.18	1.18	1.18	1.18		
Depth (mm)	85	85	85	85		
Diameter (mm)	94	94	94	94		
Comment	PASS					

#### Specimen Description:

1. Glazed cream ceramic mug w/ light brown pattern

Note: 1. mg/L = milligram per liter

2. mg/dm<sup>2</sup> = milligram per square decimeter

3. ND = Not Detected

#### Remark:

- 1. Flatware Articles with an internal depth not exceeding 25 mm and articles which cannot be filled.
- 2. Hollow-ware Articles which can be filled.
- 3. 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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- 2 Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w = 0) stated in ILAC-G8:09/2019.

## Sample Picture (As received)





SGS authenticate the photo on original report only

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