

**Test Report** No.T52510302486TC Date: JUN 03, 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:

MILTON MUG, BLUE, STONEWARE; MILTON BOWL, BLUE, STONEWARE

Item No. : 82072648,

82072436

P.O. No. : 70025

Buyer : BLOOMINGVILLE A/S

Country of Origin : CHINA

Country of Destination : DENMARK

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

Sample Receiving Date : MAY 26, 2025

Testing Period : MAY 26, 2025 TO JUN 03, 2025





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Selected test(s) as requested by the client, please refer to test result page(s) for details:

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.

Test Item	Results	Reporting	Category 2
restitem	1	Limit	Limit
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)	160		
Depth (mm)	51		
Diameter (mm)	60		
Comment	PASS		

#### Sample Description:

1. Glazed cream ceramic cup w/ blue flowers & branch 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.

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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#### For Drinking Rim:

Test Item		Res	Reporting	Drinking		
restitem	1	2	3	4	Limit	Rim Limit
Released Lead (mg/dm²)	ND	ND	ND	ND	0.1	0.8
Released Cadmium (mg/dm²)	ND	ND	ND	ND	0.01	0.07
Surface Area (dm <sup>2</sup> )	0.75	0.75	0.75	0.75		
Volume of 4% Acetic acid used (mL)	120	120	120	120		-
Depth (mm)	51	51	51	51		
Diameter (mm)	60	60	60	60		
Comment	PASS	PASS	PASS	PASS		

#### Sample Description:

- 1. Glazed cream ceramic cup w/ blue flowers & branch pattern
- 2. Glazed cream ceramic cup w/ blue flowers pattern
- 3. Glazed cream ceramic cup w/ yellow leaves pattern
- 4. Glazed cream ceramic cup w/ yellow birds pattern

Note: 1. mg/dm<sup>2</sup> = 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.



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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	Category 2 Limit
Extractable Lead (mg/L)	< 0.10	4.0
Extractable Cadmium (mg/L)	< 0.02	0.3
Depth (mm)	51	
Diameter (mm)	60	
Volume of 4% Acetic Acid used (ml)	160	

#### **Specimen Description:**

1. Glazed cream ceramic cup w/ blue flowers & branch pattern

Note: - mg/L = milligram per liter

- mm = millimeter

- ml = milliliter

- < = less than

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 Inductively coupled plasma-mass spectrometry (ICP-MS).

Test Item	Results 1	Reporting Limit	Hollowware Limit
Released Lead (mg/L)	ND	0.05	0.1
Released Cadmium (mg/L)	ND	0.01	0.01
Released Barium (mg/L)	ND	0.1	1
Volume of 4% Acetic acid used (mL)	160		
Depth (mm)	51		
Diameter (mm)	60		
Comment	PASS		

#### Sample Description:

1. Glazed cream ceramic cup w/ blue flowers & branch pattern

Note: 1. mg/L = milligram per liter

2. 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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Test Item		Res	sults	Reporting	Drinking	
restitem	1	2	3	4	Limit	Rim 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)	120	120	120	120		
Surface Area (dm²)	0.75	0.75	0.75	0.75		
Depth (mm)	51	51	51	51		
Diameter (mm)	60	60	60	60		
Comment	PASS	PASS	PASS	PASS		

#### Sample Description:

- 1. Glazed cream ceramic cup w/ blue flowers & branch pattern
- 2. Glazed cream ceramic cup w/ blue flowers pattern
- 3. Glazed cream ceramic cup w/ yellow leaves pattern
- 4. Glazed cream ceramic cup w/ yellow birds pattern

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

2. 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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# Sample Picture (As received)

Pic.1 Pic.2





Pic.3

Pic.4





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\*\*\* End of Report \*\*\*

