



**Test Report**

No.T52010250955TC

Date: MAY 18, 2020

Page 1 of 5

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:  
YOKO MUG,BLACK,PORCELAIN

Item No. : 82049319  
P.O. No. : 65399  
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 : MAY 12, 2020  
Testing Period : MAY 12, 2020 TO MAY 18, 2020



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**Test Report**

No. T52010250955TC

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Test Requested	Conclusion
1. Danish Ordinance on materials and articles intended for food contact (BEK nr 822 of 26 June 2013) – Leachable Lead and Cadmium in Ceramic Food contact materials and articles (Selected specimen(s) was/were tested as specified by the applicant, please refer to test result page(s) for details)	PASS
2. 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 in the specified specimen(s) as listed	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:**

**1. Danish Ordinance on materials and articles intended for food contact (BEK nr 822 of 26 June 2013) – Leachable Lead and Cadmium in Ceramic Food contact materials and articles**

Method : With reference to Danish Ordinance on materials and articles intended for food contact (BEK nr 822 of 26 June 2013). Analysis was performed by Atomic Absorption Spectrometry.

Test Item	Glazed black ceramic mug	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)	290	--	--
Depth (mm)	77	--	--
Diameter (mm)	90	--	--
<b>Comment</b>	<b>PASS</b>	--	--

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.



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**2. European Council Directive 84/500/EEC & its amendment 2005/31/EC - Leachable Lead and Cadmium**

Test Method : With reference to European Directive 84/500/EEC and its amendment 2005/31/EC. Analysis was performed by ICP-OES.

**Sample 001** Category 2

	<u>Vol. of 4%HAc used</u>	<u>Depth</u>
	<u>(mL)</u>	<u>(mm)</u>
1	290	77
	<u>Leachable Lead</u>	<u>Leachable Cadmium</u>
	<u>(mg/L)</u>	<u>(mg/L)</u>
1	<0.1	<0.02
Limit	4.0	0.3

Test Part Description :

<b>Specimen No.</b>	<b>SGS Sample ID</b>	<b>Description</b>
SN1	SZX20-009294.001	Glazed black ceramic mug

Remarks :

- (1) mg/dm<sup>2</sup> = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected ( < MDL)

Notes :

- Category 1: Articles that cannot be filled and articles that can be filled, the internal depth of which does not exceed 25 mm.
- Category 2: Articles, not in categories 1 or 3, which can be filled.
- Category 3: Cooking ware; packaging and storage vessels having a capacity of more than three liters.



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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 of the decision rule is 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  $T_U + U_{95}$

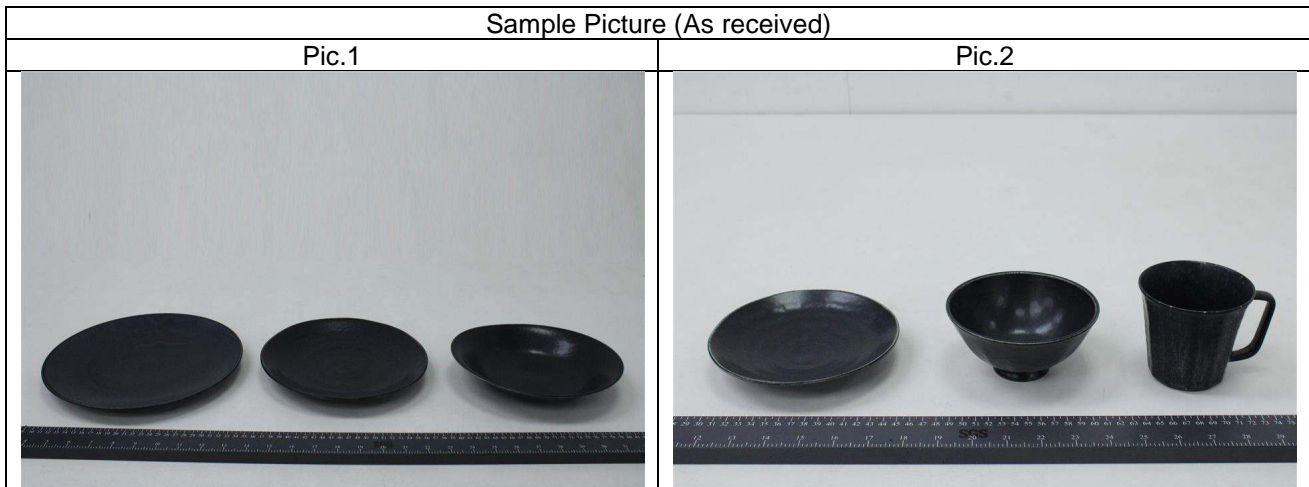
Inconclusive - when the measurement result is falling in guard band  $[T_U - U_{95}, T_U + U_{95}]$

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  $[T_L - U_{95}, T_L + U_{95}]$



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



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