



Test Report

No.T52010252046TC

Date: MAY 27, 2020

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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:

JUDE MUG, MULTI-COLOR, STONEWARE

Item No. : 82049300
P.O. No. : 65393
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 21, 2020
Testing Period : MAY 21, 2020 TO MAY 26, 2020



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Shenzhen Branch Testing Center Hardlines

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Test Requested	Conclusion
1. 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 822 of 26 June 2013) – Leachable Lead and Cadmium in Ceramic Food contact materials and articles	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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Test Results :

1. 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	420	84
	<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

Sample 002 Category 2

	<u>Vol. of 4%HAc used</u>	<u>Depth</u>
	<u>(mL)</u>	<u>(mm)</u>
1	420	84
	<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

Sample 003 Category 2

	<u>Vol. of 4%HAc used</u>	<u>Depth</u>
	<u>(mL)</u>	<u>(mm)</u>
1	420	84
	<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



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Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX20-010360.001	Glazed light blue mug w/ dull brown bottom
SN2	SZX20-010360.002	Glazed brown mug w/ brown bottom
SN3	SZX20-010360.003	Glazed dark grey mug w/ dark grey bottom

Remarks :

- (1) mg/dm² = 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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2. 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 light blue mug w/ dull brown bottom	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)	420	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
Comment	PASS	--	--

Test Item	Glazed brown mug w/ brown bottom	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)	420	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
Comment	PASS	--	--

Test Item	Glazed dark grey mug w/ dark grey bottom	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)	420	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
Comment	PASS	--	--



Test Item	Glazed light blue mug w/ dull brown bottom	Reporting Limit	Category 1 Limit
Released Lead (mg/dm ²)	ND	0.1	0.8
Released Cadmium (mg/dm ²)	ND	0.01	0.07
Volume of 4% Acetic acid used (mL)	130	--	--
Surface Area (dm ²)	0.51	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
Comment	PASS	--	--

Test Item	Glazed brown mug w/ brown bottom	Reporting Limit	Category 1 Limit
Released Lead (mg/dm ²)	ND	0.1	0.8
Released Cadmium (mg/dm ²)	ND	0.01	0.07
Volume of 4% Acetic acid used (mL)	130	--	--
Surface Area (dm ²)	0.51	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
Comment	PASS	--	--

Test Item	Glazed dark grey mug w/ dark grey bottom	Reporting Limit	Category 1 Limit
Released Lead (mg/dm ²)	ND	0.1	0.8
Released Cadmium (mg/dm ²)	ND	0.01	0.07
Volume of 4% Acetic acid used (mL)	130	--	--
Surface Area (dm ²)	0.51	--	--
Depth (mm)	84	--	--
Diameter (mm)	78	--	--
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.



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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 Photo:



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*** End of Report ***



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