



Test Report

No.T52010300127TC

Date: OCT 14, 2020

Page 1 of 6

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:
WILLOW CUP, MULTI-COLOR, STONEWARE

Item No. : 82050093
P.O. No. : 65937
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 : OCT 09, 2020
Testing Period : OCT 09, 2020 TO OCT 14, 2020



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SGS-CSTC Testing Technology Services Co., Ltd.
Shenzhen Branch Testing Center Hardlines

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Page 2 of 6

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 1248 of 30 October 2018) – 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:

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> (mL)	<u>Depth</u> (mm)
1	230	62
	<u>Leachable Lead</u> (mg/L)	<u>Leachable Cadmium</u> (mg/L)
1	<0.1	<0.02
Limit	4.0	0.3

Sample 002 Category 2

	<u>Vol. of 4%HAc used</u> (mL)	<u>Depth</u> (mm)
1	230	62
	<u>Leachable Lead</u> (mg/L)	<u>Leachable Cadmium</u> (mg/L)
1	<0.1	<0.02
Limit	4.0	0.3

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SZX20-024361.001	Glazed khaki ceramic cup w/ khaki interior surface
SN2	SZX20-024361.002	Glazed khaki ceramic cup w/ khaki & cream interior surface



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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.

2. Danish Ordinance on materials and articles intended for food contact (BEK nr 1248 of 30 October 2018) – Leachable Lead and Cadmium

Method : With reference to Danish Ordinance on materials and articles intended for food contact (BEK nr 1248 of 30 October 2018). Analysis was performed by Atomic Absorption Spectrometry.

Test Item	Results		Reporting Limit	Category 2 Limit
	1	2		
Released Lead (mg/L)	ND	ND	0.1	4.0
Released Cadmium (mg/L)	ND	ND	0.01	0.3
Volume of 4% Acetic acid used (mL)	230	230	--	--
Depth (mm)	62	62	--	--
Diameter (mm)	88	88	--	--
Comment	PASS		--	--

Sample Description :

1. Glazed khaki ceramic cup w/ khaki interior surface
2. Glazed khaki ceramic cup w/ khaki & cream interior surface

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



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Sample Photo:



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