



Test Report

No.T52010292407TC

Date: OCT 15, 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:
JAR W/LID, BLUE, STONEWARE

Item No. : 82050921
P.O. No. : 65885
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 : SEP 28, 2020
Testing Period : SEP 28, 2020 TO OCT 14, 2020



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Test Requested		Conclusion
1.	Danish Ordinance on materials and articles intended for food contact (BEK nr 1248 of 30 October 2018) – Leachable Lead and Cadmium	PASS
2.	Council of Europe Resolution AP (2004) 5 and hence Article 3 of European Regulation No. 1935/2004.	--
	a) Silicone Rubber – Overall Migration	PASS
3.	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

***** 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 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	Glazed dark blue ceramic jar w/ design & lid				Reporting Limit	Category 2 Limit
	1	2	3	4		
Released Lead (mg/L)	ND	ND	ND	ND	0.1	4.0
Released Cadmium (mg/L)	ND	ND	ND	ND	0.01	0.3
Volume of 4% Acetic acid used (mL)	1120	1120	1120	1120	--	--
Depth (mm)	115	115	115	115	--	--
Diameter (mm)	89	89	89	89	--	--
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.

2. Council of Europe Resolution AP (2004) 5

a) Silicone rubber – Overall migration

Method : With reference to EN 1186-1:2002 for selection of conditions and test methods (1st migration);
 or EN 1186-3:2002 aqueous food simulants by total immersion method;
 or EN 1186-2/13:2002 olive oil by total immersion method;

Simulant Used	Test Condition	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
3% Acetic Acid (W/V) Aqueous Solution	10 days at 40°C	ND	3.0	10
10% Ethanol (V/V) Aqueous Solution	10 days at 40°C	ND	3.0	10
Rectified Olive Oil	10 days at 40°C	12.1	3.0	10
Comment	--	PASS	--	--



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Sample Description:

1. Translucent silicone rubber (Sealing ring)

Note: 1. mg/dm² = milligram per square decimeter

2. °C = degree Celsius

3. ND = Not Detected

4. The decision rule has prescribed in the regulation or standard, conformity reporting will base on the standard.

Remark :

1. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg

3. 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>Vol. of 4%HAc used for lid</u>	<u>Depth</u>
	<u>(mL)</u>	<u>(mL)</u>	<u>(mm)</u>
1	1120	85	115
	<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 :

Specimen No.	SGS Sample ID	Description
SN1	SZ20-024105.001	Glazed dark blue ceramic jar w/ design & lid

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)



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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 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:



SGS authenticate the photo on original report only

*** End of Report ***



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