



Test Report

No.T51910280909TC

Date: SEP 20, 2019

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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:

AURA TEAPOT, BLUE, PORCELAIN

Item No. : 82047385 AS MAIN ITEM, GROUP TEST WITH 82047390
P.O. No. : 65001
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 10, 2019
Testing Period : SEP 10, 2019 TO SEP 20, 2019



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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 in the specified specimen(s) as listed	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 (Selected specimen(s) was/were tested as specified by the applicant, please refer to test result page(s) for details)	PASS
3.	Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.	--
	a) Metal / Metallic Coating – Extractable Heavy Metals	PASS

Remark: This declaration of conformity is only based on the result of this laboratory activity, the impact of the uncertainty of the results was not included.

***** 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>	<u>Vol. of 4%HAc used for lid</u>	<u>Depth</u>
	<u>(mL)</u>	<u>(mL)</u>	<u>(mm)</u>
1	1150	50	97
	<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	SZ19-019578.001	Glazed blue & brown ceramic teapot w/ 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)

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 blue & brown ceramic teapot w/ 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)	1150	1150	1150	1150	--	--
Depth (mm)	97	97	97	97	--	--
Diameter (mm)	84	84	84	84	--	--
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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3. Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9

a) Metal / Metallic coating – Extractable heavy metals

Method : Sample preparation in 0.5% citric acid (p/v) in aqueous solution at 70°C for 2 hours with reference to EN13130-1:2004 for selection of test method, followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) and Inductively coupled plasma-mass spectrometry (ICP-MS).

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	7 x SRL (mg/kg)	Specific Release Limit (SRL) (mg/kg)
	1 st + 2 nd Migration	3 rd Migration			
Aluminium (Al)	ND	ND	0.2	35	5
Antimony (Sb)	ND	ND	0.02	0.28	0.04
Arsenic (As)	ND	ND	0.001	0.014	0.002
Barium (Ba)	ND	ND	0.25	8.4	1.2
Beryllium (Be)	ND	ND	0.005	0.07	0.01
Cadmium (Cd)	ND	ND	0.002	0.035	0.005
Chromium (Cr)	ND	ND	0.1	1.75	0.25
Cobalt (Co)	ND	ND	0.01	0.14	0.02
Copper (Cu)	ND	ND	0.1	28	4
Iron (Fe)	1.18	ND	0.25	280	40
Lead (Pb)	ND	ND	0.005	0.07	0.01
Lithium (Li)	ND	ND	0.02	0.336	0.048
Manganese (Mn)	ND	ND	0.25	12.6	1.8
Mercury (Hg)	ND	ND	0.002	0.021	0.003
Molybdenum (Mo)	ND	ND	0.02	0.84	0.12
Nickel (Ni)	ND	ND	0.05	0.98	0.14
Silver (Ag)	ND	ND	0.03	0.56	0.08
Thallium (Tl)	ND	ND	0.0001	0.0007	0.0001
Tin (Sn)	ND	ND	5	700	100
Vanadium (V)	ND	ND	0.005	0.07	0.01
Zinc (Zn)	ND	ND	1	35	5
Comment	PASS		--	--	--

Sample Description :

1. Silvery metal (Filter)

Note : 1.mg/kg = milligram per kilogram of foodstuff in contact with

2. °C = degree Celsius

3. ND = Not Detected

 4. According to Council of Europe Resolution CM/Res(2013)9, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles


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Sample Photo:



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*** End of Report ***



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