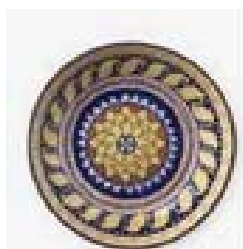




Williams-Sonoma Product Test Report

Global Protocol Testing	Report No:	33243
	Date In:	28/06/2021
	Date Out:	20/07/2021
	Report Issued:	20/07/2021
PASS	Lab Location:	PORTUGAL
	Revised date:	NA
	Protocol No:	REGULATORY / MANDATORY: WILS-HL-06011-GBL-3 STAR GTP-RES-DEC-FCMP-V002
Photo of sample		



Sample tested - 2533196 SICILY DIP BOWL18 LG MLTI
Depth = 26 mm





Williams-Sonoma Product Test Report

SAMPLE & CONTACT INFORMATION	
Sample Description:	2533196 SICILY DIP BOWL18 LG MLTI
Number of samples submitted:	12 pcs
Product Color:	multi
PLM Product Number:	--
Shipping Window (DD/MM/YY):	--
SKU Number Tested:	2533196
Group Testing - Affiliated SKU Number: (If applicable):	4200345 4767404 4986201 5647481
PO Number (If available):	--
Season:	--
Country of Origin:	PORTUGAL
Product Category:	Food Contact,
Concept:	WILLIAMS SONOMA
WSGO Office / WSI Agent:	WSGI
Vendor Name & Number:	--
Factory (Manufacturer):	MATCERÂMICA
Vendor submitted Fiber Label (As per sample):	NA
Actual Fiber Content in sample (As tested by lab):	NA
WSI required Fiber Label (For final product):	NA
Vendor submitted Care Label (As per sample):	NA
WSI required Care Label (For final product):	NA
Remarks:	--
Product Stage:	Final Product
Retest (Previous Report No.):	NA
Retest reasons:	NA
Revised Report:	NA
Reason For Revision:	NA
Email Title Info:	PASS, 2533196/ 4200345 / 4767404 / 4986201 / 5647481, WS, MAIL/RETAIL, MATCERÂMICA, SICILY DIP BOWL18 LG MLTI , 33243



Williams-Sonoma Product Test Report

Testing Summary:

The submitted sample comply all the test properties:

TESTING RESULTS:

Test Items	Test Method	Requirements	Test Results	Rating
*Extractable/leachable lead/cadmium/arsenic tests (Food contact test)	ASTM C738 CAProp 65	>Flatware: 0.226 ppm (Lead)/ 0.07 ppm (cadmium) >Small hollowware (excluding cup/mug): 0.1 ppm(lead)/0.189ppm (cadmium) >Cups/Mugs: 0.1 ppm (lead)/0.0189ppm (cadmium) >Large hollowware (excluding pitcher): 0.1 ppm (lead)/0.049ppm(cadmium) >Pitcher: 0.1 ppm (lead)/0.049ppm (cadmium) >Cookware: 0.5ppm (Lead) & 0.05ppm cadmium >Lip & rim: 0.5 ppm (lead)/0.4 ppm (cadmium) Arsenic: >Flatware Not applicable >Small hollowware/Cups/Mugs/Large hollowware/Pitcher: < 0.05ppm >Cookware: <0.05ppm	Small Holloware: <0.07 ppm (Lead) <0.01 ppm (cadmium) Arsenic: <0,002 ppm	PASS
*Lead and cadmium on food/beverage ceramicware and glassware-exterior decoration	San Francisco Superior Court CGC-05-440811/Alame da Superior Court HG-04- 183355 / EPA 3050B (Mod) / NIOSH method 9100 (Mod)	Lead: Less than 90ppm Cadmium: Less than 2400 ppm	NA	
Organotin Compound	EN71-3	< 0.1% by weight of tin (COC is accepted)	NA	
Dishwasher test for ceramic FCM	WSI Method	No color change or adverse effects & clear visible change allowed. Water absorption criteria: Porcelain: If More Than 2% Of Body Weight Is Gained Through Water Absorption.	NA	



Williams-Sonoma Product Test Report

Test Items	Test Method	Requirements	Test Results	Rating
		Stoneware: If More Than 2% Of Body Weight Is Gained Through Water Absorption. Earthenware: If More Than 6% Of Body Weight Is Gained Through Water Absorption.		
Hand wash test (Applicable to products that failed dishwasher test or exempted from dishwasher test)	WSI Method	Shall exhibit no exterior surface degradation after test	NR	
Thermal shock for ceramics	WSI Method	No crazing, cracking or breakage.	NR	
Effects of heat test	WSI Method	No cracking, melting, discoloration or deformation	NR	
Microwave test (Applicable to products indicate as microwave or products have any indication)	WSI Method	No cracking, melting, discoloration or deformation.	NR	
Microwave handle test (For ceramic products with handle)	WSI Method	Temperatures must not exceed allowed temperature per material type: · Glass/Porcelain/Ceramic: 158 F (70 C) · Wood: 194 F (90 C) · Plastic/Rubber: 185 F (85 C)	NA	
Visual Inspection	WSI Method	No crack, pinhole, chip off, uneven of color tone, product is stable when place on flat surface.	NR	
Sharp points and sharp edges (Can be verified by WSGO QA)		>Shall have no sharp points / edges, other than those required for function.	NR	

Key Legend:

Key	Description	Meaning
NA	Not applicable	This test line does not apply to this product
NT	Not tested	This test was not carried out either because the sample was inadequate for the test, or it failed an earlier stage of this test line.
NR	Not requested	This test line has been requested to NOT be tested (for example for carryover products).
DATA	Reference only	This test results are for information only, there is no Pass or Fail rating required.
P	Pass	This test results are pass
F	Fail	This test results are fail



Williams-Sonoma Product Test Report

COMPONENT BREAKDOWN LIST

Test Item Component Description
A STONEWARE (multi):

1. Total Lead Content in Paint or Similar Surface Coating– Client's Requirement

Remark: No surface coating was found on the submitted sample.

2. Phthalates Content –Client's Requirement

Remark: Not applicable for the submitted sample.

3. Bisphenol A Content – Client's Requirement

Remark: Not applicable for the submitted sample.

4. Extractable Lead and Cadmium (Lip and Rim) – Canada Consumer Product Safety Act – Glazed Ceramics and Glassware Regulations, SOR/2016-175

Remark: Not applicable for the submitted sample.

5. Extractable Lead and Cadmium (Lip and Rim) – Society of Glass and Ceramic Decorators (SGCD)

Remark: Not applicable for the submitted sample.

6. Extractable Lead and Cadmium in Lip and Rim – Client's Requirement according to the Consent Decrees of California Proposition 65

Remark: No decoration was found on lip and rim area of the submitted sample.

7. Total Cadmium Content – Entry 23 of Annex XVII of European Regulation (EC) No 1907/2006, No 552/2009, No 494/2011, No 835/2012 and No 2016/217 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Former Known as Directive 91/338/EEC)

Remark: Not applicable for the submitted sample.

8. Extractable Lead and Cadmium from Ceramicwares – FDA CPG 7117.06 & 7117.07

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
	(3)	200	<0.07	<0.01
	(4)	200	<0.07	<0.01
	(5)	200	<0.07	<0.01
	(6)	200	<0.07	<0.01
	Average	200		
Limit (For Small Hollowware – Any 1 of 6 units)			2.0	0.5
Conclusion			PASS	

Method: AOAC 973.32 (2005). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer

The Definition of Food Contact materials are:



Williams-Sonoma Product Test Report

- a. Flatware - Ceramic articles have an internal depth not exceeding 25 mm, measured vertically from the lowest interior point to a horizontal plane passing through the upper rim or the point of overflow.
- b. Hollow ware - Ceramic articles have an internal depth greater than 25 mm, measured vertically from the lowest interior point to a horizontal plane passing through the upper rim or the point of overflow.
- i. Small hollow ware - A capacity of less than 1.1 liter
- ii. Large hollow ware - A capacity of 1.1 liter or more
- c. Cups and mugs - Small ceramic hollow ware vessels commonly used for consumption of beverages, for example, coffee or tea at above room temperature. Cups and mugs normally, but not exclusively, have a capacity of about 240 ml or 8 fl. oz. and are manufactured with a handle. Cups normally have a base and curved sides while a mug has cylindrical sides.
- d. Pitchers - Large ceramic hollow ware vessels (sometimes known as jugs) commonly used for the storing and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

Note: mL = milliliter

mg/L = milligrams per liter

"<" = less than

9. Extractable Lead and Cadmium in Food/Beverage Ceramicwares (Interior) – California Proposition 65 CA25249.5 & 25249

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
	(3)	200	<0.07	<0.01
	(4)	200	<0.07	<0.01
	(5)	200	<0.07	<0.01
	(6)	200	<0.07	<0.01
	Average	200		
Limit (For Small Hollowware – Any 1 of 6 units)			0.10	0.189
Conclusion			PASS	

10. Extractable Lead and Cadmium from Tableware – California Health and Safety Code 108860 (California Tableware Safety Law)

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
	(3)	200	<0.07	<0.01
	(4)	200	<0.07	<0.01
	(5)	200	<0.07	<0.01
	(6)	200	<0.07	<0.01
	Average	200		
Limit (For Small Hollowware – Any 1 of 6 units)			2.0	0.5
Conclusion			PASS	



Williams-Sonoma Product Test Report

Method: AOAC 973.32 (2005). The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer

The Definition of Food Contact materials are:

- a. Flatware - Ceramic articles have an internal depth not exceeding 25 mm, measured vertically from the lowest interior point to a horizontal plane passing through the upper rim or the point of overflow.
- b. Hollow ware - Ceramic articles have an internal depth greater than 25 mm, measured vertically from the lowest interior point to a horizontal plane passing through the upper rim or the point of overflow.
 - i. Small hollow ware - A capacity of less than 1.1 liter
 - ii. Large hollow ware - A capacity of 1.1 liter or more
- c. Cups and mugs - Small ceramic hollow ware vessels commonly used for consumption of beverages, for example, coffee or tea at above room temperature. Cups and mugs normally, but not exclusively, have a capacity of about 240 ml or 8 fl. oz. and are manufactured with a handle. Cups normally have a base and curved sides while a mug has cylindrical sides.
- d. Pitchers - Large ceramic hollow ware vessels (sometimes known as jugs) commonly used for the storing and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

Note: mL = milliliter

mg/L = milligrams per liter

"<" = less than

11. Release of Lead and Cadmium from and Glazed Ceramics and Glassware - Canada Consumer Product Safety Act – Glazed Ceramics and Glassware Regulations, SOR/2016-175

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
	(3)	200	<0.07	<0.01
	(4)	200	<0.07	<0.01
	(5)	200	<0.07	<0.01
	(6)	200	<0.07	<0.01
	Average	-		
Limit (For Small Hollowware – Any 1 of 6 units)			2.0	0.5
Conclusion			PASS	

Requirement:

Category	Leachability Limit (mg/L)	
	Lead	Cadmium
Small hollowware, other than cups or mugs	2.0	0.5

Method: ISO 6486-1:1999, Ceramic ware, glass-ceramic ware and glass dinnerware in contact with food — Release of lead and cadmium — Part 1: Test Method, second edition, 1999-12-15. The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer

Note: mL = milliliter

mg/L = milligrams per liter

"<" = less than



Williams-Sonoma Product Test Report

12. Extractable Lead and Cadmium in Ceramicwares - Australia Customs (Prohibited Imports) Regulation 1956

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
Limit (For Small Hollowware – Any 1 of 6 units)			7.0	0.7
Conclusion			PASS	

13. Extractable Lead and Cadmium in Ceramicwares – European Directive 84/500/EEC & 2005/31/EC

Test Item	Unit	Leaching Volume (mL)	Result (mg/L)	
			Lead	Cadmium
A	(1)	200	<0.07	<0.01
	(2)	200	<0.07	<0.01
	(3)	200	<0.07	<0.01
	(4)	200	<0.07	<0.01
	Average	-		
Limit For Category 2			4.0	0.3
Conclusion			PASS	

Method: EN 1388-1 & 2: 1995. The lead and cadmium contents are determined by Atomic Absorption Spectrophotometer

Remark:

Category 1 – Articles which cannot be filled and articles which can be filled, the internal depth of which, measured from the lowest point to the horizontal plane passing through the upper rim, does not exceed 25mm.

Category 2 – All other 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 3L.

Note: mm = millimetre

mL= milliliter

mg/dm² = milligrams per square decimeter

mg/L = milligrams per liter

"<" = less than

14. Lead and Cadmium in Food/Beverage Ceramicware and Glassware (Externally Decorated) –Client's Requirement according to the Consent Decrees of California Proposition 65

Remark: Not applicable for the submitted sample.



Williams-Sonoma Product Test Report

Group Testing

This test will also cover the following SKUs:

4200345 SICILY OVAL ANTIPASTI DISH

4767404 SICILY DIP BWL 2018 MIXD S4 LG

4986201 SICILY DIP BOWL 18:SMALL MULTI

5647481 SICILY DIP BWL 2018 MIXD S4 SM

Annex 1. CENCAL Test report



CENTRO DE FORMAÇÃO PROFISSIONAL PARA A INDÚSTRIA DE CERÂMICA

Laboratório

Rua Luis Caldas, apart. 39
2504 - 909 - Caldas da Rainha
Tel: 351.262.840110 Fax: 351.262.842224
E-mail: laboratorio@cencal.pt



IPAC is a signatory to the EA MLA and ILAC MRA for testing

Client

Matcerâmica-Fabrico de Louça SA
Rua da Ceramica, 245-Vale de Ourém
2495-032 - S. Mamede

LEAD AND CADMIUM EXTRACTED FROM GLAZED CERAMIC SURFACES ASTM C738-94 (2016)

TEST REPORT Nº 33243

Version: 1

Sample Identification

Final Test Report

Sample Type: Small Hollowware
Product Type: Ceramic Stoneware
Analysis Type: ASTM C738-94 (2016)
Sampling Responsible: Client

Reception Date: 01/07/2021
Initiation Date: 05/07/2021
Accomplish Date: 08/07/2021
Issue Date: 08/07/2021

Client Reference: 2533196 SICILY DIP BOWL18 LG MLTI_(6pcs)

Leaching Volume (mL): 200

Leaching Period: 05/07/2021 (4.25PM) - 06/07/2021 (4.25PM)

Results

Parameter/Samples	1	2	3	4	5	6	7	8	9	10	11	12	Average
Lead (mg/L)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	<0.07(QL)	--
Cadmium (mg/L)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	--

Notes:

Maximum Limits Small Hollowware (<1.1 liters)

FDA - Food and Drug Administration: Lead - 2.0 mg/L; Cadmium - 0.5 mg/L;

Proposition 65: Lead - 0.100 mg/L (any one of 6 samples).

DECLARATION OF COMPLIANCE:

When tested as specified in ASTM C738-94:2016, the submitted items **are in conformity** with the requirements of **FDA** - U.S. Food and Drug Administration: Compliance Policy Guide for cadmium and for lead, (CPG 7117.06;7117.07) and **Proposition 65** of California's Attorney General.

Test Checked by:

Manuela Baroso

Laboratory Manager

ASTM = American Society for Testing and Materials; BS = British Standard; EN = European Standard; ISO = International Organization for Standardization; QL = Quantification Limit.

Sampling, appreciation, comments and notes contained in this report are not included in the scope of accreditation.

The results relate only to the sample tested and as received.

This report may be reproduced in its totality only, unless otherwise authorized by the Laboratory Manager.

The samples will be destroyed within 2 months if they are not claimed by the client.