

Laboratório

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Client

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

TEST REPORT Nº 32935

Version: 1

Sample Identification

Final Test Report

Sample Type: Flatware
Product Type: Terracota
Analysis Type: ASTM C738-94 (2016)
Sampling Responsible: Client

Reception Date: 19/04/2021
Initiation Date: 19/04/2021
Accomplish Date: 21/04/2021
Issue Date: 22/04/2021

Client Reference: Peças em Terracota Vidrada_(6)

Leaching Volume (mL): 30

Leaching Period: 19/4/2021 (2.50PM) - 20/4/2021 (2.50PM)

Results

Parameter/Samples	1	2	3	4	5	6	Average
Lead (mg/L)	0.11 ±0.02	0.11 ±0.02	0.20 ±0.02	0.13 ±0.02	0.16 ±0.02	0.92 ±0.02	0.27±0.26
Cadmium (mg/L)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)	<0.01(QL)

Notes:

Maximum Limits Flatware (depth<25mm)

FDA - Food and Drug Administration: Lead - 3.0 mg/L; Cadmium - 0.5 mg/L.

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).

DECISION RULE


In the declaration of compliance, a decision rule was used to minimize producer risk of 5% (i.e. probability of rejection of conforming product) and the results were compared with the new acceptance values.

Observations:

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor k = 2, which for a normal distribution provides a level of confidence of approximately 95%. The uncertainty presented does not included the sampling process.



Test Checked by:



 Manuela Baroso
 Laboratory Manager