

SEDE

Via Martelli, 26 - 40138 **Bologna**
Tel. (051) 534015 - Fax. (051) 530085

CERTI.CER.

LABORATORIO DI ZONA

Via Valle D'Aosta, 1
41049 **Sassuolo**
Tel.. (0536) 802154

Part. IVA 0094778-0375

Bologna, 16/01/2015

Spett.le

LAMINAM Spa

Via Ghiarola Nuova, 258

41042 FIORANO (MO)

Italy

CHEMICAL LABORATORY

TEST REPORT N° 689/14

on glazed ceramic objects

Requested by:	LAMINAM Spa Via Ghiarola Nuova, 258 41042 FIORANO (MO) Italy
On (date):	11/12/2014
For the sample marked:	 "Laminam Collection"

The results reported relate only to the samples tested.

No responsibility is taken for the accuracy of the sampling unless it is done under our supervision.

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This test report consists of 3 pages this cover included.



Consortio universitario per la gestione del
«Centro di ricerca e sperimentazione per
l'industria ceramica».
D.P.R. 10-4-1978 n. 806
(G.U. 20-12-1978 n. 353)

Laboratorio autorizzato ad effettuare il
servizio di rilevamento dell'inquinamento
atmosferico.
Decreto MINISTERO SANITÀ 10-8-1974
(G.U. 14-9-1974 n. 240)

Laboratorio iscritto nell'albo dei «Laboratori Esterni
Pubblici e Privati Altamente Qualificati».
Decreto MINISTERO RICERCA SCIENTIFICA 6-6-1983
(G.U. 6-7-1983 n. 183)

Membro ASTM

American Society for
Testing and Materials.

Description of the sample: - ceramic tile 20 x 20 x 0.4 cm marked "Laminam Collection"	
Manufacturer: /	
Sampling details: - Where: / - Date: / - By whom: manufacturer - How (methods): /	
Date of receipt in laboratory:	12/12/2014
Date of start up of test activities:	15/12/2014
Date of end of test activities:	17/12/2014

1 - PERFORMED TESTS:

- Lead and Cadmium leaching (UNI EN 1388-1:1997 Materials and articles in contact with foodstuffs-Silicate surfaces-Determination of the release of lead and cadmium from ceramic ware)

2 - SAMPLE CLASSIFICATION:

- DESCRIPTION

White opaque ceramic tile

3 - SAMPLE PREPARATION:

On the tile surface is applied a silicon rim of around 6 mm into which an exact volume of acetic acid 4% solution is poured.

- DIMENSIONS:	D₁	200 mm
	D₂	200 mm
	h	4 mm
	AREA	A

- CATEGORY:	<input checked="" type="checkbox"/> 1
	<input type="checkbox"/> 2
	<input type="checkbox"/> 3

- ACETIC ACID 4%
- LEAD CONCENTRATION IN THE LEACH SOLUTION
- CADMIUM CONCENTRATION IN THE LEACH SOLUTION
- NUMBER OF SAMPLES TESTED

V	200	ml
Pb	< 0.1	mg/l
Cd	< 0.01	mg/l
N°	4	sample

4 – RESULTS:

		1	2	3	4	Mean value
LEAD RELEASED:	mg/dm²	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
CADMIUM RELEASED :	mg/dm²	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Dr.ssa Adelia Albertazzi
(n° 1091 Ordine Interprovinciale dei Chimici
dell'Emilia-Romagna)
The analyst

Prof. Maria Chiara Bignozzi
Director