

Test Report 0527-15-B

English version of Test Report 0527-15-A

for

Römertopf Keramik GmbH & Co. KGWeiherstraße 1
56235 Ransbach-Baumbach
Germany

1. Test specimen:

One sample labelled as

"RÖMERTOPF® - baker 'RUSTICO', item #119 05 for 4 persons" (6 identical specimens).

Order with e-mail dated 11/05/2015

2. Date of arrival:

11/05/2015

3. Test realization:

11/05/ - 20/05/2015

4. Testing method:

Determination of leachable lead and cadmium from ceramic foodware according to ASTM C738 and based on DIN EN 1388-1 (●) (hollowware test).

Analysis of the solutions by means of ICP-OES according to DIN EN ISO 11885 (●).

5. Sampling/Sample preparation:

Sampling and delivery to the FGK was under responsibility of the customer.

After cleaning six test specimens were filled up to 6 mm below the rim of each vessel with acetic acid (4 vol%) and stored over a period of 24 hours (hollowware test). The interiors of the lids were not tested because of the lack of glazing.

6. Results:

Testing Parameter	"RÖMERTOPF® - baker 'RUSTICO', item #119 05 for 4 persons"						Mean Value
	N° 1	N° 2	N° 3	N° 4	N° 5	N° 6	
Lead [mg/L]	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Cadmium [mg/L]	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Volume [L]	3.4	3.4	3.4	3.4	3.4	3.4	3.4

Limits for ceramic foodware according to the US - FDA guidelines:

Ceramic foodware	Lead [mg/L] = [ppm]	Cadmium [mg/L] = [ppm]
small hollowware	2.0	0.50
large hollowware (≥ 1.1 L)	1.0	0.25
pitchers, cups & mugs	0.5	---

Limits for ceramic foodware according to the Californian guidelines ('proposition 65'etc.):

Ceramic foodware	Lead [mg/L] = [ppm]	Cadmium [mg/L] = [ppm]
small hollowware	0.1	0.800 (0.189*)
large hollowware (≥ 1.1 L)	0.1	0.800 (0.049*)
pitchers, cups & mugs	0.1	0.800

* "Advisory limits based upon OEHHA's (Sept 2011) Safe Harbour Level for cadmium at 4.1 µg/day (oral)" from 'CERAM Special Publication 149: Toxic Metal Release from Ceramic and Glass Tableware in Contact with Food - A Guide to Worldwide Regulations', March/Corrigendum May 2012

Limits for leachable lead and cadmium from ceramic foodware and glassware according to DIN 51032, which is based on the European guidelines 84/500/EEG supplemented by 2005/31/EG and the European regulation 1935/2004/EG for ceramic objects:

Ceramics & glassware hollow objects	Lead [mg/L]	Cadmium [mg/L]
tableware, kitchenware	4.0	0.3
cooking ware, ovenware, ceramic storing ware	1.5	0.1

7. Testing uncertainties:

ICP-Analysis: Due to the acetic acid matrix as well as the low element concentrations the relative single testing uncertainties is maximum 15 %.

8. Epilogue:

All investigations were done in view of the latest scientific-technical trends and to the best of one's knowledge and belief. The testing results exclusively refer to the test specimen. In order to avoid misinterpretations the present report may only be copied and transmitted in its completeness. To copy extracts needs a written permission by the FGK.

21.05.2015

X



i.V. / p.p. Dr. Markus Pohlmann-Lortz
Laborleiter / Laboratory Manager



RÖMERTOPF®

Declaration of conformity

Issued by: RÖMERTOPF Keramik GmbH & Co. KG
Weiherstraße 1
D – 56235 Ransbach-Baumbach

to the attention of: H.W. Larsen A/S
Slagterboderne 15-21, Kødbyen
DK-1716 København V

Product: RÖMERTOPF® clay bakers
and especially RÖMERTOPF® baker #119 05 (with glazed
bottom inside) and #119 00 (without glazed bottom inside)

Country of origin: Made in Germany.

We herewith declare that the above mentioned products are conform to the content of the CE's regulation 1935/2004 as well as to the safety regulations according to 2005/31/CE in connection with 1984/500/EWG and 2023/2006 for materials and objects that are intended to get in touch with food.

The required limits for lead and cadmium are respected. The proof has been effected by the following laboratory (accredited to ISO 17025):

Forschungsinstitut für Anorganische Werkstoffe
-Glas/Keramik- GmbH
Heinrich-Meister-Straße 2
D – 56235 Höhr-Grenzhausen

Ransbach-Baumbach, 22. June 2015

A handwritten signature in dark ink, appearing to read 'Michel Rouland', is shown on a light-colored background.

Signature: ppa. Michel Rouland