

TEST REPORT

APPLICANT : Xindao B.V.

ADDRESS : P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

SAMPLE DESCRIPTION : Vintage enamel mug

ITEM NO. : P432.35

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : Europe

SAMPLE RECEIVED DATE : 27-Aug-2018

TURN AROUND TIME : 27-Aug-2018 to 12-Sep-2018

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
Leachable Lead and Cadmium	Pass

Eurofins (Shanghai) contact information

Customer service: ElsieWu@eurofins.com / +86 21 36202808

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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Lemon Zhang
Chemical Lab Supervisor

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to info.sh@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to china.complaint@eurofins.com and referring to this report number.

TEST SAMPLE PHOTO



EFSH18082178-CG-01

TO BE CONTINUED

REFERENCE SAMPLE PHOTO



EFSH18082178-CG-01

Note: The reference sample(s) has not been tested in current report, but according to customer's request, the picture has also been included. For sample tested in current report, please refer to "Test sample photo".

TO BE CONTINUED

COMPONENT LIST

Component No.	Component
1	Four-color enamel mug

TO BE CONTINUED

TEST RESULT

Leachable Lead and Cadmium

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005(LFGB), Section 30, 31 and DIN 51032:2017-07.

Test Method : With reference to EN 1388-1/2:1995 -Determination of release of Lead and Cadmium from ceramic ware or silicate surfaces.

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer.

Component 1 Hollow-ware

	Volume of 4% Acetic acid used (ml)	Depth (mm)	Diameter (mm)
1	390	77	85
2	390	77	85
3	390	77	85
4	390	77	85

	Leachable Lead (mg/l)	Leachable Cadmium (mg/l)
1	<0.1	<0.01
2	<0.1	<0.01
3	<0.1	<0.01
4	<0.1	<0.01

TO BE CONTINUED

TEST RESULT

Component 1 Lip and Rim

	Vol. of 4% Acetic acid used (ml)	Depth(mm)	Diameter (mm)
1 (white enamel mug)	100	77	85
2 (black enamel mug)	100	77	85
3 (blue enamel mug)	100	77	85
4 (red enamel mug)	100	77	85

	Leachable Lead (mg/article)	Leachable Cadmium (mg/article)
1 (white enamel mug)	<0.1	<0.01
2 (black enamel mug)	<0.1	<0.01
3 (blue enamel mug)	<0.1	<0.01
4 (red enamel mug)	<0.1	0.08
Limit	2.0	0.2

Note:

(1) < = Less than

(2) Permissible limit of Lead and Cadmium is quoted from DIN 51032:2017-07

Table 1--Permissible limits for articles made from ceramics, glass and glass ceramics

Items	Flatware		Hollow-ware	
	Lead mg/dm ²	Cadmium mg/dm ²	Lead mg/l	Cadmium mg/l
Tableware and kitchenware, Ceramic, Glass and Glass ceramic	0.8*)	0.07*)	4.0*)	0.3*)
Cooking & baking utensils, receptacles also used as packaging storage container	0.4	0.05	1.5*)	0.1*)

Remark: *) In agreement with EC Directive.

(3) Requirement information quoted from DIN 51032:2017-07.

If measurements on an article give values exceeding those specified in "Note(2) Table 1", but by not more than 50%, the article concerned shall nevertheless be deemed to comply with the standard if at least three other articles identical to this one in material, shape, dimensions, decoration and glazing are tested ...with the result that the arithmetic mean of lead and cadmium release for these articles does not exceed the permissible limits and none of these articles exceeds the permissible limits by more than 50%.

END OF THE REPORT