

**LAVA Metal Döküm San.Tic.A.Ş.**  
Organize San.Böl.22.  
Cad No:3  
ESKİŞEHİR  
TURKEY

Fürth, 10.02.2016

## Test report No. FUFDCP2016-01168

General note: Copying this test report partially is permitted only in agreement with the contracted lab. The tests results refer only to the tested item. This report consists of 3 page(s). Test methods marked with \* are not listed in our accreditation document. \*\*Subcontract.

Sample description: **VP 131 (enamel coated plate)**  
**Ref. N° FS1610001019**

Sample Entry: 29.01.2016  
Testing period: 29.01. – 10.02.2016  
Sampling through client  
Head of analytical department: Christoph Dorsch  
Testing according to client's request.



## Test results:

### 1. Sensory testing

Method: § 64 LFGB L 00.90-6

Testing conditions: Water <sub>demin</sub> (2h / 100°C), immersed

Evaluation (average)

Sample	Test result
Appearance of simulant	0
Odour of simulant	1
Taste of simulant	2 (astringent, bitter)
Status	<b>passed</b>

Evaluation scale

0 = no aberration, neutral

1 = very slight deterioration, barely perceivable

2 = slight deterioration

3 = significant deterioration

4 = strong deterioration

Requirement: no significant deterioration (Limit: 2.5)

### 2. Metal migration of ceramic - Flatware

Method: DIN EN 1388 - DIN EN ISO 11885 (E22) 2009-09

Test conditions: 4% acetic acid (24 h/ 20-22°C), immersed

LOQ = Limit of quantification n.d. = not determinable

Contact area: 220 cm<sup>2</sup> Filling volume: 90 ml

Sample	Results	LOQ
Cadmium mg/dm <sup>2</sup>	0.001	0.001
Lead mg/dm <sup>2</sup>	n.d.	0.01
Cobalt mg/l	<b>0.20</b>	0.005
Status	<b>Inconclusive</b>	

Requirements:

Cadmium: max. 0.07 mg /dm<sup>2</sup>

Lead: max. 0.8 mg /dm<sup>2</sup>

Cobalt max. 0.05 mg/l

Intertek Consumer Goods GmbH



Christoph Dorsch  
*Deputy lab manager food contact*