

## Test Report

Applicant : XI'AN METALS & MINERALS I/E CO.,LTD.  
6F.,JIA XIANG INT'L TRADE BLDG.,216 SOUTH HAN GUANG  
RD.,XI'AN,CHINA  
Attn : WANG XIN

NUMBER : TSNH00242126

Date : Aug 28, 2017

### Sample Description:

One (1) submitted sample said to be  
Item Name :GRANITE MORTAR PESTLE  
Item No. :63770  
Style No. :63770  
Material :GRANITE  
Buyer :BLOMUS GBMH  
Supplier/Manufacturer :XIAN METALS & MINERALS I/E CO.,LTD  
Country of Destination :DE  
Country of Origin :CN

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### Tests Conducted:

As requested by the applicant, for details refer to attached page(s).

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### Conclusion:

According to the test results of below test parameters, and based on the provided material information, submitted sample complied with the suggested food contacting testing parameters for German §30 and §31 LFGB and also complied with general requirement of regulation (EU) 10/2011 and (EC) 1935/2004 article 3,paragraph 1

### Tests conducted:

Based on the assessment of the submitted sample and the information provided, the following tests had been conducted :

- 1) Sensory test on finished product
- 2) Leachable Pb, Cd & Co (Internal) content on ceramic

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To be continued

Authorized By :  
For Intertek Testing Services  
(Tianjin) Ltd.



David Zhang  
Senior Manager



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### 1. Leachable Lead And Cadmium And Cobalt Content

As per §64 LFGB B80.03-1 and B80.03-2, by Atomic Absorption Spectrophotometric (AAS) or Inductively Coupled Argon Plasma (ICP) analysis.

<u>Tested Component</u>	<u>Internal Depth (mm)</u>	<u>Volume of leaching Solution (mL)</u>	<u>Lead (mg/L)</u>	<u>Result Cadmium (mg/L)</u>	<u>Cobalt (mg/L)</u>
(1)	58	350	<0.05	<0.03	<0.03
		Limit (hollowware):	4.0	0.3	0.05

  

<u>Tested Component</u>	<u>Surface Area (dm<sup>2</sup>)</u>	<u>Volume of leaching Solution (mL)</u>	<u>Lead (mg/dm<sup>2</sup>)</u>	<u>Result Cadmium (mg/dm<sup>2</sup>)</u>	<u>Cobalt (mg/L)</u>
(2)	1.9	1410	<0.05	<0.03	<0.03
		Limit (flatware):	0.8	0.07	0.05

Tested Components:

(1) granitic bowl for sample use

(2) granitic mortar pestle for sample use

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To be continued

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### 2. Sensory Evaluation

With reference to §64 LFGB I00.90-6.

Test procedure:

Component (1):

Sample was thoroughly rinsed with distilled water and then filled with distilled water to capacity. Filled sample was kept at ambient temperature 20°C and relative humidity (40-80%) for 20h. Off-odor and off-taste was evaluated with 5 panelists using control sample of distilled water.

Component (2):

Sample was thoroughly rinsed with distilled water and then totally immersed by distilled water. Filled sample was kept at ambient temperature 20°C and relative humidity (40-80%) for 20h. Off-odor and off-taste was evaluated with 5 panelists using control sample of distilled water.

	<u>Result</u>		<u>Limit</u>
	(1)	(2)	
Appearance	Clear, Colourless	Clear, Colourless	Clear, Colourless
Odor	0	0	2.5
Taste	0	0	2.5

Assessment:

Intensity scale:

0 = No perceptible odour / taste

1 = Odour / taste just perceptible (but still difficult to define)

2 = Slight odour / taste

3 = Distinct odour / taste

4 = Strong odour / taste

Tested Components:

(1) granitic bowl for sample use

(2) granitic mortar pestle for sample use

Date sample received: Aug 22, 2017

Testing period: Aug 22, 2017 to Aug 25, 2017

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To be continued

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Photo:



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End of report