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Client: HEBEI COOKWIN KITCHEN PRODUCTS CO.,LTD

Contact Information: NO.30 GAOYING STREET, SHIJIAZHUANG, Hebei, P.R. China

**Identification/
Model No(s):** Granite Mortar & pestle
PCG160

Sample obtaining method: Sending by customer

Condition at delivery: Test item complete and undamaged.

Sample Receiving date: 2023-10-07

Testing Period: 2023-10-07 - 2023-10-10

Place of testing: Chemical laboratory Qingdao

Test Specification: **Test result:**

Selected test(s) by client:

1.Sensorial Examination	PASS
2.Release of Heavy Metals	PASS

Other information:

Country of origin: China

Sales Destination(country): UK

Selected test simulant and test condition by client.

For and on behalf of
TÜV Rheinland/CCIC (Qingdao) Co., Ltd.



2023-10-12

Echo Xu / Department Manager

Date

Name/Position

Sample information is provided by customer. Test result is drawn according to the kind and extent of tests performed.

This test report relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.

"Decision Rule" document announced in our website (<https://www.tuv.com/landingpage/en/qm-gcn/>) describes the statement of conformity and its rule of enforcement for test results are applicable throughout this test report.

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Indication: Food contact

Product: Commodity, contact with foodstuff

§ 2 (6) No. 1, German Food, Commodities and Animal Feed Code of Law (LFGB)

Description of test specimen

Item

Granite Mortar & pestle

1. Material List :

Sample No.	Material	Color	Location
M001	Stone	Grey	Granite Mortar & pestle

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2..Overall Results:

Test No.	Tested Item	Conclusion
1	Sensorial Examination	Pass
2	Release of Heavy Metals	Pass

3.Sensorial examination

Test method: It is examined to the extent of food simulant being used, which comes into contact with the product, undergoes detectable changes in taste and smell.

For this purpose, the food simulant was stored in the product under the below mentioned time and temperature. Afterwards, the food simulant was examined by an appropriate number of tasters with regard to any divergence in smell and taste. Another test sample, which was used as a reference, was treated by the same way except that it had no contact with the product to be tested.

Before testing, the product had been cleaned according to the product’s instruction manual or in the absence of such manual, by normal household cleaning.

The test is carried out on the basis of ISO 13302 by paired comparison test:

- Evaluation scheme:**
- 0 = No discernible deviation
 - 1 = Barely discernible deviation
 - 2 = Weak deviation
 - 3 = Clear deviation
 - 4 = Strong deviation
 - Limit: 3 (failed)

The following food simulants and conditions were applied:

Food simulant	Test duration / Temperature
Water	40 °C for 30 mins

Test No.:	T001
Sample No.:	M001
Parameter:	Result
Transfer of Smell:	0
Transfer of Taste:	0

4. Release of Heavy Metals

Test method: The test is performed reference to EN 1388-1:1995, EN 1388-2:1995 and DIN 51031:1986 respectively. The concentration of the elements is examined by means of ICP-MS.

Limit: Acc. to TÜV Rheinland Test Protocol under the scope of Regulation EC 2023/2006 with reference to DIN 51032 and Austrian Ceramic Ordinance

The following food simulant and condition was applied:

Food simulant	Test duration / Temperature
Acetic acid 4 %	24 hours / 22 °C

Test No.:	T001				
Category:	Drinking Rim				
Internal volume:	Less than one litre				
Sample No.:	M001				
Parameter	Unit	RL	Result	Limit ^(1, 2)	Technically preventable limit
Lead (Pb)	mg/article	0.2	<0.2	2	---
Cadmium (Cd)	mg/article	0.02	<0.02	0.2	---
Cobalt (Co)	mg/article	0.05	<0.05	---	0.05
Zinc (Zn)	mg/article	0.5	<0.5	3.0	---
Barium (Ba)	mg/article	0.5	<0.5	1.0	---
Antimony (Sb)	mg/article	0.5	<0.5	1.0	---

Abbreviations:

mg/dm² = Milligram per square decimetre

mg/l = Milligram per litre

< = Less than

Remarks:

*1 According to DIN 51032, articles in contact with food should not exceed the following limits:

Category	Description	Lead	Cadmium
Drinking rim	Exterior decoration within 20 mm measured from top of rim	2.0 mg/article	0.2 mg/article

*2 According to Austrian Ceramic Ordinance (BGBl. Nr. 893/1993 and its amendment), articles in contact with food should not exceed the following limits:

Category	Description	Zinc	Antimony	Barium
Internal volume	Less than one litre	3.0 mg/article ^(#)	1.0 mg/article ^(#)	1.0 mg/article ^(#)
	Greater than one litre	3.0 mg/l	1.0 mg/l	1.0 mg/l

(#) Calculation is based on the internal volume of the article

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Sample Photo



Item1/2

Sample Photo



Sample

- END -

