

# Test Report

No. CANHG1521939501

Date: 22 Dec 2015

Page 1 of 3

BEIJING ZHONGXING SHIQIANG CERAMIC BEARING CO.,LTD  
 NO.A38#, WEISHANZHUANG INDUSTRY DISTRICT,DAXING DISTRICT,BEIJING,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : Si3N4(Silicon Nitride) parts

SGS Job No. : GZHG15120510360T - GZ  
 Supplier : BEIJING ZHONGXING SHIQIANG CERAMIC BEARING CO.,LTD  
 Manufacturer : BEIJING ZHONGXING SHIQIANG CERAMIC BEARING CO.,LTD  
 Date of Sample Received : 16 Dec 2015  
 Testing Period : 16 Dec 2015 - 22 Dec 2015  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) - Leachable Lead and Cadmium Content (Internal surface)	PASS

Signed for and on behalf of  
 SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



Ivy Ren  
 Approved Signatory



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Page 2 of 3

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN15-219395.001	Dk-grey part	Silicon Nitride

**US FDA CPG Sec. 545.400 (CPG 7117.06) and CPG Sec. 545.450 (CPG 7117.07) Pottery(Ceramics) - Leachable Lead and Cadmium Content (Internal surface)**

Test Method : With reference to AOAC 18th Ed. (2005) Section 973.32. Analysis was performed by AAS.

**Sample 001** Flatware

Extract Volume

	(mL)
1	187
2	187
3	187
4	187
5	187
6	187

	<u>Leachable Lead (µg/mL)</u>	<u>Leachable Cadmium (µg/mL)</u>
1	<0.05	<0.01
2	<0.05	<0.01
3	<0.05	<0.01
4	<0.05	<0.01
5	<0.05	<0.01
6	<0.05	<0.01
Average	<0.05	<0.01
Limit	3.0	0.5

Notes :

Flatware: Ceramic articles which have an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, that does not exceed 25 mm.

Hollowware: Ceramic articles having an internal depth, as measured from the lowest point to the horizontal plane passing through the upper rim, greater than 25 mm.

Small hollowware: A capacity of less than 1.1 liter.

Large hollowware: A capacity of 1.1 liter or more.



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Cups and mugs: Small ceramic hollowware vessels commonly used for consumption of beverages.  
 Pitchers: Large ceramic hollowware vessels (sometimes known as jugs) commonly used for the storage and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.

Remark: Limit = Reference limit. The test sample is out of scope of the standard.

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*