

## Test Report

No. CANHG1511960901

Date: 17 Jul 2015

Page 1 of 4

BEIJING ZHONGXING SHIQIANG CERAMIC BEARING Co.,Ltd.

The following sample(s) was/were submitted and identified on behalf of the clients as : Zirconia bushing

SGS Job No. : GZHG1507027200CW - GZ  
 Tested Sample Info. : Style / Item No.:Ø30 3Y-TZP; Ø35 3Y-TZP  
 Supplier: BEIJING ZHONGXING SHIQIANG CERAMIC BEARING Co.,Ltd.  
 Date of Sample Received : 13 Jul 2015  
 Testing Period : 13 Jul 2015 - 17 Jul 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



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
 Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

198 Kezhu Road, Sciencetech Park Guangzhou Economic & Technology Development District, Guangzhou, China 510663 t (86-20) 82155555 f (86-20) 82075113 www.sgsgroup.com.cn  
 中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075113 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN15-119609.001	Ceramic bushing(1#)	ceramic
SN2	CAN15-119609.002	Ceramic bushing(2#)	ceramic

**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	63
2	63
3	63
4	63
5	63
6	63

	<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

**Sample 002** Flatware



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

	<u>Extract Volume</u>	
	<u>(mL)</u>	
1	72	
2	72	
3	72	
4	72	
5	72	
6	72	
	<u>Leachable</u>	<u>Leachable</u>
	<u>Lead (µg/mL)</u>	<u>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.

Cups and mugs: Small ceramic hollowware vessels commonly used for consumption of beverages.

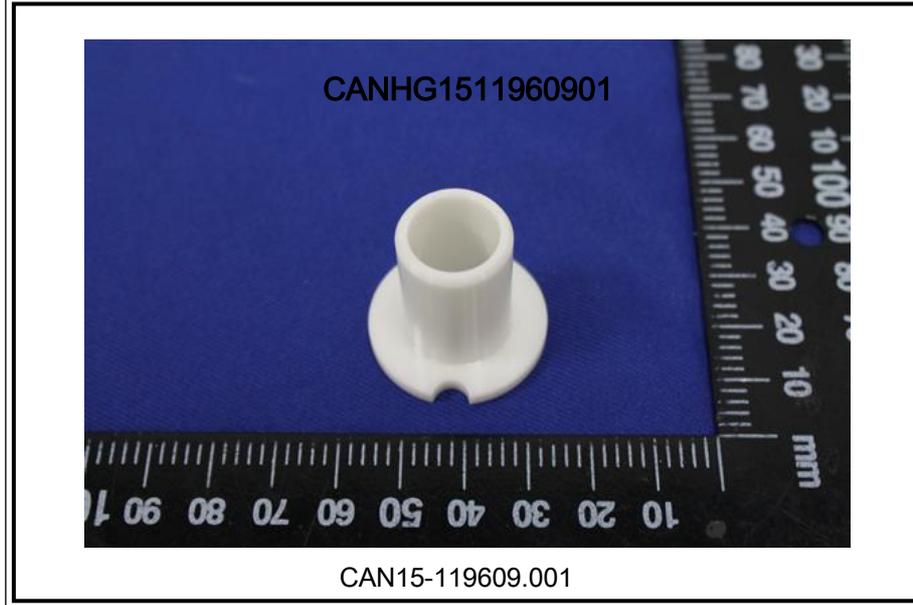
Pitchers: Large ceramic hollowware vessels (sometimes known as jugs) commonly used for the storage and dispensing of fruit and vegetable juices or other acidic beverages at or below room temperature which are normally manufactured without a lid but with a handle and lip spout.



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

Sample photo:



SGS authenticate the photo on original report only

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