

## Test Report

No. SHAHG1111958701

Date: 03 Aug 2011

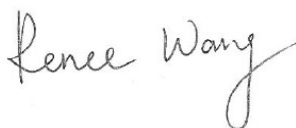
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ZHEJIANG YONGKANG ZHENGLI IRONWARE FACTORY  
LONGSHAN INDUSTRIAL AREA, YONGKANG ZHEJIANG

The following sample(s) was/were submitted and identified on behalf of the clients as : CAST IRON TEAPOT  
0.8L

SGS Job No. : SHHG1107020864CW - SH  
Item No. : XD0.8L  
Date of Sample Received : 26 Jul 2011  
Testing Period : 26 Jul 2011 - 03 Aug 2011  
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).  
Conclusion : When tested by specified method, Leachable Lead and Cadmium content of the submitted samples comply with the limit as stated in the German Food ,Articles of Daily Use and Feed Code of September 1,2005(LFGB) Section 30 and DIN 51032:1986.

Signed for and on behalf of  
SGS-CSTC Ltd.



Wang Lini, Renee  
Approved Signatory

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Test Results :

### Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA11-119587.001	Black enamel teapot
2	SHA11-119587.002	Silvery metal mesh

### Leachable Lead and Cadmium content

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005(LFGB), Section 30 and DIN 51032:1986.

For material: Enamel-Extractable Lead and Cadmium content

Test Method : With reference to EN 1388-1/-2:1995 -Determination of release of Lead and Cadmium from ceramic ware or silicate surfaces. Analysis was performed by ICP-OES.

#### Sample 001 Hollowware

	<u>Vol. of 4% Acetic ac- id for vessel (ml)</u>	<u>Vol. of 4% Acetic ac- id used for lid (ml)</u>	<u>Depth (mm)</u>	<u>Diameter (mm)</u>
1	875	15	75	130
2	875	15	75	130
3	875	15	75	130
4	875	15	75	130
	<u>Leachable Lead (mg/L)</u>	<u>Leachable Cad- mium (mg/L)</u>		
1	<0.1	<0.01		
2	<0.1	<0.01		
3	<0.1	<0.01		
4	<0.1	<0.01		
Limit	0.8	0.07		

### Leachable Cobalt

Test Requested : As requested by client, to determine the Leachable Cobalt contents from the submitted sample.

Test Method : With reference to EN 1388-1/2:1995. Analysis was performed by ICP-OES.

#### Sample 001 Hollow-ware

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	<u>vol. of 4% Acetic acid (ml)</u>	<u>Depth (mm)</u>	<u>Diameter (mm)</u>
1	875	75	130
2	875	75	130
3	875	75	130
4	875	75	130

	<u>Leachable Cobalt (mg/L)</u>
1	<0.05
2	<0.05
3	<0.05
4	<0.05
Limit	0.05

## Notes :

- (1) < = Less than  
(2) Limit = Recommended Limit

## Extractable Heavy Metals

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31, Germany recommendation for metal release for sample  
For material: Metal or metallic coating-Extractable Heavy Metals

Test Method : Samples were prepared at specific condition, followed by analysis using ICP-OES.

## Sample 002

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 100.0 °C 4.0 hr

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test Result</u>
Extractable Lead	0.010	mg/dm <sup>2</sup>	0.001	ND
Extractable Cadmium	0.005	mg/dm <sup>2</sup>	0.001	ND
Extractable Chromium	0.45	mg/dm <sup>2</sup>	0.01	0.02
Extractable Nickel	0.1	mg/dm <sup>2</sup>	0.01	ND
Extractable Copper	0.5	mg/dm <sup>2</sup>	0.01	ND
Extractable Antimony	0.1	mg/dm <sup>2</sup>	0.1	ND
Extractable Cobalt	0.1	mg/dm <sup>2</sup>	0.1	ND
Extractable Aluminium	0.3	mg/dm <sup>2</sup>	0.03	ND

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### Notes :

- (1) mg/dm<sup>2</sup>=milligram per square decimeter
- (2) ND = Not detected
- (3) MDL = Method Detection Limit
- (4) Test condition & simulant were specified by client.

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Sample photo:



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SGS authenticate the photo on original report only

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

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