

### **Test Report**

### No: SHFDO120201517FD-1.2

Date: Feb 28 2012

Client name: BAOSTEEL IRON & STEEL CO., LTD Client address: No. 580 Changjiang Road, Baoshan Shanghai 200431, China

### The following sample(s) was/were submitted by/ on behalf of the client as (except SGS reference No. & SGS job No. & Date of receipt & Testing period):

Sample name: BN1G Batch No./Date: / Manufacturer: / SGS reference No.: SHAFD1201805901 SGS job No.: SHFDO120201517FD-1 Date of receipt: Feb 20 2012 Testing period: Feb 20 2012 ~ Feb 27 2012

# **TEST(S) REQUESTED:**

Selected test(s) as requested by applicant: In accordance with Italian Decree of Ministry of Health of 21/03/1973 and its amendment. Italian Decree of Ministry 21/12/2010, No 258 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

(1) For material: Stainless steel - Overall migration test

(2) For material: stainless steel- Specific migration of Nickel, Chromium and Manganese

### **TEST METHOD(S):**

(1) With reference to Italian Decree of Ministry of Health of 21/03/1973 and its amendments. Extractive from 3rd duration was taken for analysis.

(2) Sample preparation in 3% acetic acid at 100° C for 30 minutes with reference to Italian Decree of Ministry of Health of 21/03/1973 and its amendment. Extractive from the 3rd duration was taken for analysis using ICP-OES.

### **TEST RESULT(S):**

Please refer to next page

#### **CONCLUSION:**

When tested as specified, the tested parameters comply with the requirements as stated in Italian Decree of Ministry of Health of 21/03/1973 and its amendment, Italian Decree of Ministry 21/12/2010, No 258 and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004.

Signed for and on behalf of SGS



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# TEST RESULT(S):

1) Overall migration

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of migration
3% Acetic Acid(W/V)Aqueous Solution	0.5hr	<b>100</b> ℃	8mg/dm <sup>2</sup>	< 3.0 mg/dm <sup>2</sup>

### 2) Specific migration of Nickel, Chromium and Manganese

Test Item(s)	Limit	Test result(s)	Method Detection Limit(s)
Specific migration of Nickel mg/kg	0.1	Not detected	0.05
Specific migration of Chromium mg/kg	0.1	Not detected	0.05
Specific migration of Manganese mg/kg	0.1	Not detected	0.05

# SAMPLE DESCRIPTION: Silvery metal piece



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