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## Technical Report No. 68.161.12.02962.01

Dated 2013-01-09

Applicant:

Address:

Sample Description: 4PS BAMBOO HANDLE BBQ SET (1xSPATULA, 1xMEAT FORK, 1x TONG, 1xGRILL CLEANING BRUSH) GRILL CLEANING BRUSH(NA)

Model No.: YBT03064A(1366734)

Supplier/  
Manufacturer:

Country of Origin: China

Sample Receive  
Date: 2012-12-27

Test Period: From 2012-12-31 to 2013-01-08

Test Requested: As specified by client, to test per the selected requirement(s) for the tested item(s) as stated in the German Food & Feed Acts LFGB (§ 30 & 31) and Regulation (EC) No.1935/2004

1. For material: Metal and metallic coating except aluminium

**PASS**

– Extractable Heavy Metal (Lead, Cadmium, Chromium, Nickel, Copper, Cobalt and Antimony)

2. Sensory test

**PASS**

– With reference to DIN 10955

Test Results: Refer to following page(s)

Conclusion: The tested part(s) was found to **comply** with the selected requirement(s) for the tested item(s) as stated in the German Food & Feed Acts LFGB (§ 30 & 31) and Regulation (EC) No.1935/2004 (Material in contact with food regulation)

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1. TESTED SUBJECT DESCRIPTION

SAMPLE NUMBER	TESTED MATERIAL DESCRIPTION	PHOTO
001	Silvery metal	

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## 2. TEST RESULT

### 2.1. EXTRACTABLE HEAVY METAL CONTENT TEST

Test method: The sample was filled with 3% acetic acid at 100°C for 2 hours. The heavy metal content of extracting solution was then analyzed using Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

TEST ITEM	RESULT [mg/dm <sup>2</sup> ]	RECOMMENDED LIMIT [mg/dm <sup>2</sup> ]
	SAMPLE 001	
Extractable Lead	< 0.005	0.01
Extractable Cadmium	< 0.005	0.005
Extractable Chromium	< 0.100	0.40
Extractable Nickel	< 0.010	0.10
Extractable Copper	< 0.100	0.50
Extractable Cobalt	< 0.010	0.10
Extractable Antimony	< 0.005	0.005

Note:

- “°C” denotes degree Celsius
- “mg/dm<sup>2</sup>” denotes milligram per square decimeter
- “<” denotes less than.
- The recommended limit for Lead, Cadmium, Antimony are determined from Novellierung der Trinkwasserverordnung of May 21, 2001 and 98/83/EC.
- The recommended limit for Cobalt is determined from Deutsche Lebensmittelrundschau/92. Jahrgang/Heft 3/1996/ “Metalllässigkeit von Bestecken aus nichtrostenden Stählen”, M.Hausch
- The recommended limit for Nickel, Copper and Chromium are determined from “Council of Europe’s policy statements concerning materials and articles intended to come into contact with foodstuffs; Guidelines on metals and alloys used as food contact materials (13.02.2002)”



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### 2.2. SENSORY TEST

Test method: With reference to DIN 10955. The submitted sample was treated with distilled water at 100 °C for 2 hours. After this treatment, treated water was examined by panels with regard to any divergence in smell and taste.

TEST ITEM	GRADING RESULT	RECOMMENDED LEVEL
	SAMPLE 001	
Transfer of Taste	0	< 2.5
Transfer of Smell	0	< 2.5

Note:

- Explanation for grading are listed as below:  
Grading 0: No perceptible taste/smell deviation  
Grading 1: Just perceptible taste/smell deviation  
Grading 2: Weak taste/smell deviation  
Grading 3: Clear taste/smell deviation  
Grading 4: Strong taste/smell deviation

Jiangsu TÜV Product Service Ltd. Shenzhen Branch  
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