



# Test Report

Report No : SHBST2014061315YRR-4

Date: Jun. 23, 2014

Page 1 of 6

**Applicant** : NINGBO HUINING ELECTRICAL CO., LTD

**Address** : No 85 Qiyun Road Ningbo City Zhejiang Province China

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

**Sample Name** : Mineral water pot

**Sample Model** : 16L, 12L, 14L, 18L, 20L, 22L, 24L

**Sample Received Date** : Jun. 19, 2014

**Testing Period** : Jun. 19, 2014 To Jun. 23, 2014

**Test Requested** : As specified by client, for compliance with Food and Drug Administration Regulations .

**Test Method** : Please refer to next page(s).

**Test Result** : Please refer to next page(s).

Signed for and on behalf of

**Andy Zheng/ Technical Director**

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**Dongguan BST Testing Co., Ltd.**

A1201-1203 Xinsanqi Of Dongbao Road, Dongchen District, Tel:400-880-2056 Fax:86-769-23020106  
Dongguan, Guangdong, China, E-mail:christina@bst-lab.com Http://www.bst-lab.com Complaints hotline:86-755-26747756



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Report No : SHBST2014061315YRR-4

Date: Jun. 23, 2014

Page 2 of 6

## Sample Description :

| No. | Description       | Name                     |
|-----|-------------------|--------------------------|
| 1   | PP                | Upper cover              |
| 2   | ABS               | Water tan                |
| 3   | Active carbon     | Active                   |
| 4   | Quartz stone      | Quartz stone filter      |
| 5   | Mineralizing ball | Mineralizing ball filter |
| 6   | Ceramic           | Ceramic filter           |
| 7   | Silica sand       | Silica sand filter       |

## Test Result: No.1

Test Method: As specified in FDA 21 CFR 177.1520.

| Simulant Used   | Test Condition                | Result Total Migration (%) | Maximum Permissible Limit (%) |
|-----------------|-------------------------------|----------------------------|-------------------------------|
| Density         | 23 °C, g/cm <sup>3</sup>      | 0.899                      | 0.880-0.913                   |
| n-Hexane        | 2 hours at reflux temperature | 0.1                        | 6.4                           |
| Dimethylbenzene | 2 hours at 25 °C              | 0.3                        | 9.8                           |

Note: % = percent by weight

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# Test Report

Report No : SHBST2014061315YRR-4

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Page 3 of 6

**Test Result: No. 2**

**Test Method: As specified in U.S. FDA 21 CFR 181. 32**

| Simulant Used   | Test Condition                   | Result<br>Acrylonitrile-soluble<br>extractives (mg/in <sup>2</sup> ) | Limit<br>Acrylonitrile-soluble<br>extractives (mg/in <sup>2</sup> ) |
|-----------------|----------------------------------|--|---|
| deionized water | 2 hours at<br>reflux temperature | <0.001   | 0.003   |
| 8 % alcohol     | 2 hours at<br>reflux temperature | <0.001   | 0.003   |
| 50 % alcohol    | 2 hours at<br>reflux temperature | <0.001   | 0.003   |
| 3% acetic acid  | 2 hours at<br>reflux temperature | <0.001   | 0.003   |

**Test Result: No. 3**

**Test Method: As specified in FDA/ORA CPG 7117. 06/07**

| Test item | Simulant Used   | Test Condition         | Result(mg/ml) | Limit (mg/ml) |
|-----------|-----------------|------------------------|---------------|---------------|
| Pb        | 4 % acetic acid | 24 hours at<br>20-24°C | < 0.05        | 0.5           |
| Cd        | 4 % acetic acid | 24 hours at<br>20-24°C | < 0.05        | 0.5           |

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# Test Report

Report No : SHBST2014061315YRR-4

Date: Jun. 23, 2014

Page 4 of 6

## Test Result: No. 4

Test Method: As specified in FDA/ORA CPG 7117. 06/07

| Test item | Simulant Used   | Test Condition      | Result(mg/ml) | Limit (mg/ml) |
|-----------|-----------------|---------------------|---------------|---------------|
| Pb        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |
| Cd        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |

## Test Result: No. 5

Test Method: As specified in FDA/ORA CPG 7117. 06/07

| Test item | Simulant Used   | Test Condition      | Result(mg/ml) | Limit (mg/ml) |
|-----------|-----------------|---------------------|---------------|---------------|
| Pb        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |
| Cd        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |

## Test Result: No. 6

Test Method: As specified in FDA/ORA CPG 7117. 06/07

| Test item | Simulant Used   | Test Condition      | Result(mg/ml) | Limit (mg/ml) |
|-----------|-----------------|---------------------|---------------|---------------|
| Pb        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |
| Cd        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |

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Report No : SHBST2014061315YRR-4

Date: Jun. 23, 2014

Page 5 of 6

**Test Result: No. 7**

**Test Method: As specified in FDA/ORA CPG 7117. 06/07**

| Test item | Simulant Used   | Test Condition      | Result(mg/ml) | Limit (mg/ml) |
|-----------|-----------------|---------------------|---------------|---------------|
| Pb        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |
| Cd        | 4 % acetic acid | 24 hours at 20-24°C | < 0.05        | 0.5           |

**Sample Photo:**



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Page 6 of 6



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

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