

**CHINESE COMMUNITY - CERTIFICATE OF ADEQUACY**

# TEST REPORT

**Description: Running Water Quality after  
Using Magnetic Water Conditioner**

**Test Classification: Entrusted Inspection**

\*\*\*\*\*FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

**Food Safety State Quality  
Supervision and Inspection Center**



### TEST REPORT

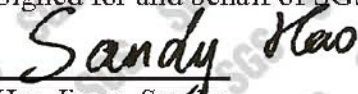
|                        |  |                |  |
|------------------------|--|----------------|--|
| Sample Description     | Twice Supplied Water   | Sample No.     | ZT-2013-0361                                 |
| Sample Specification   | 500ml/bottle (with Magnetic Water Conditioner)<br>1000ml/ bottle (without Magnetic Water Conditioner)  | Sample state   | Colorless, Transparent Liquid                |
| Sample Quantity        | 1 bottle, 1 pot, 1 pot,<br>3 sample in total   | Test category  | Entrust the Prosecution                      |
| Client agency          | Hesheng International Housing Estate   | Address        | No.1 Zhongbao Road, Zhenhai District, Ningbo |
| Sampling Person        | Min LIU, Ning MA   | Sampling Site  | Water Tank In The Basement                   |
| Sampling Date          | 2013.10.22   | Received Date  | 2013.10.22                                   |
| Test Date              | 2013.10.22 - 2013.10.24  | Reporting Date | 2013.10.24                                   |
| Test Items             | Color, Turbidity, Smell And Taste, Visible Objects, PH Value, Total Hardness, Total Dissolved Solids, Volatile Phenols, Ammonia, Sulphate, Chloride, Fluoride, Nitrate, Iron, Zinc, Aluminum, Manganese , Arsenic, Oxygen Consumption, Free Chlorine, Nitrite Nitrogen, Total Bacterial Count, Total Coliforms, Thermotolerant Coliforms |                |  |
| Testing Basis          | GB/T 5750.12-2006, GB/T 5750.6-2006, GB/T 5750.5-2006, GB/T 5750.4-2006, GB/T 5750.7-2006, GB/T 5750.11-2006   |                |  |
| Evaluation Basis       | <i>Sanitary Standard for Drinking Water GB 5749-2006</i>   |                |  |
| Testing Result         | Please refer to the attachment for the testing result of Sample ZT-2013-0361.  |                |  |
| Conclusion/ Evaluation | The test indicates that Sample No. ZT-2013-0361 from Hesheng International Housing Estate meets the requirement of <i>Sanitary Standard For Drinking Water GB 5749-2006</i> .  |                |  |
| Remarks                | The Magnetic Water Conditioner was installed on Hesheng International Housing Estate, water samples was taken from the same time from same water pipe.   |                |  |



## TEST RESULT

| No. | Test Items  | Unit      | Testing Basis     | GB Standard Value             | Testing Result      |                       | Evaluation |
|-----|---|-----------|-------------------|-------------------------------|---------------------|-----------------------|------------|
|     |   |           |                   |                               | 500ml/bottle sample | 1000 ml/bottle sample |            |
| 1   | Total coliform                                    | MPN/100mL | GB/T 5750.12-2006 | Not be detected               | Not detectable      | Not detectable        | Qualified  |
| 2   | Thermotolerant coliform                           | MPN/100mL | GB/T 5750.12-2006 | Not be detected               | Not detectable      | Not detectable        | Qualified  |
| 3   | Total bacterial count                             | CFU/mL    | GB/T 5750.12-2006 | 100                           | Not detectable      | Not detectable        | Qualified  |
| 4   | Fluoride  | mg/L      | GB/T 5750.5-2006  | 1                             | 0.2                 | 0.2                   | Qualified  |
| 5   | Nitrate (Calculated by N)                         | mg/L      | GB/T 5750.5-2006  | 10                            | 0.25                | 0.3                   | Qualified  |
| 6   | Chromaticity (platinum-cobalt)                    | degree    | GB/T 5750.4-2006  | 15                            | <5                  | <5                    | Qualified  |
| 7   | Turbidity (Scattering)                            | NTU       | GB/T 5750.4-2006  | 3                             | 0.5                 | 0.6                   | Qualified  |
| 8   | Taste & Smell                                     | /         | GB/T 5750.4-2006  | No taste, no smell            | No taste, no smell  | No taste, no smell    | Qualified  |
| 9   | Lookable  | /         | GB/T 5750.4-2006  | No                            | No                  | No                    | Qualified  |
| 10  | PH  | pH        | GB/T 5750.4-2006  | $6.5 \leq \text{PH} \leq 8.5$ | 7.26                | 6.95                  | Qualified  |
| 11  | Aluminium   | mg/L      | GB/T 5750.6-2006  | 0.2                           | <0.04               | <0.05                 | Qualified  |
| 12  | Manganese   | mg/L      | GB/T 5750.6-2006  | 0.1                           | <0.01               | <0.02                 | Qualified  |
| 13  | Zinc  | mg/L      | GB/T 5750.6-2006  | 1                             | <0.03               | <0.1                  | Qualified  |
| 14  | Ferritin  | mg/L      | GB/T 5750.6-2006  | 0.3                           | <0.01               | <0.1                  | Qualified  |
| 15  | Chloride  | mg/L      | GB/T 5750.5-2006  | 250                           | 8.1                 | 32.5                  | Qualified  |
| 16  | Sulfate   | mg/L      | GB/T 5750.5-2006  | 250                           | 11                  | 15                    | Qualified  |
| 17  | Total dissolved solids                            | mg/L      | GB/T 5750.4-2006  | 1000                          | 31                  | 58                    | Qualified  |
| 18  | Total hardness (Calculated by CaCO <sub>3</sub> ) | mg/L      | GB/T 5750.4-2006  | 450                           | 46.3                | 88.9                  | Qualified  |
| 19  | Free Chlorine Residual                            | mg/L      | GB/T 5750.11-2006 | $\geq 0.05$                   | 0.06                | 0.06                  | Qualified  |
| 20  | Nitrite nitrogen                                  | mg/L      | GB/T 5750.5-2006  | 1                             | <0.001              | <0.001                | Qualified  |
| 21  | Ammonia nitrogen                                  | mg/L      | GB/T 5750.5-2006  | 0.5                           | 0.03                | 0.04                  | Qualified  |
| 22  | Arsenic   | mg/L      | GB/T 5750.6-2006  | 0.01                          | <0.001              | <0.001                | Qualified  |
| 23  | Volatile phenols                                  | mg/L      | GB/T 5750.4-2006  | 0.002                         | 0.0004              | 0.0004                | Qualified  |
| 24  | Oxygen consumption                                | mg/L      | GB/T 5750.7-2006  | 3                             | 0.85                | 0.82                  | Qualified  |

Signed for and behalf of SGS Ltd.

  
 Hao Jinyu, Sandy  
 Lab Manager



Sample Photo:



SGS authenticate the photos on original report only

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

