

# Test Report

**Report No.**.....: SHES230100009572      **Issued Date** ..... : 2023-02-17

**Applicant's Name**.....: Qingdao Ecopure Filter Co., Ltd.  
No. 13, Yishengbai Road, Environmental Protection Industry Zone, Jimo,  
Qingdao 266201, China

**Manufacturer** .....: Same as applicant

**Factory** .....: Same as applicant

**Laboratory** .....: SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
588 West Jindu Road, Xinqiao, Songjiang, Shanghai 201612, China

**Product Description** .....: Reverse Osmosis Water Filtration System

**Supplier Model No** .....: WD-G3P800, WD-G3P600, WD-G3-W

**Date of Sample Received** .: 2023-01-03      **No. of Samples** : 1

**Date of Test** .....: 2023-01-03 to 2023-02-10

**Test Standard** .....: According to client's requirement

**Test Clause**.....: --

**Conclusion** .....: See below pages

**Remark / Note** .....: 1. Test data in this report is only responsible for submitted test samples.  
2. The report shall not be reproduced except in full, without approval of the laboratory.  
3. The test report takes WD-G3P800 as the main test model. WD-G3P800, WD-G3P600 and WD-G3-W have identical appearance and materials, and identical production process parameters except for different model (numbering) rules.  
4. WD-G3P800 was tested at 220V, 50 Hz.  
5. The test report shall only be used for client's scientific research, teaching, internal quality control, product research and development, etc., and just for client's internal reference.  
6. The tests were performed in SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch.

Prepared by:



Michael Tang

Approved by:



David Sun



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center Est. Songjiang District  
NO. 588 West Jindu Road, Songjiang District, Shanghai, China 201612 t (86-21) 61915666 f (86-21) 61915678 www.sgs.com.cn  
中国·上海·松江区金都西路588号 邮编: 201612 t (86-21) 61915666 f (86-21) 61915678 e sgs.china@sgs.com

Member of the SGS Group (SGS SA)

**Table of Results:**

The Reverse Osmosis Water Filtration System (WD-G3P800) was tested as requested and the following results were obtained:

**Test Requested:**

Selected test(s) as requested by applicant:

Removal rate of Total coliforms at startup of the operating life.

**Test Strain(s):**

*Escherichia coli* CICC 10389

**Test Method:**

Challenge testing: Refer to client's requirement.

Total coliforms: GB/T 5750.12-2006 Standard examination methods for drinking water – Microbiological parameters.

**Test Result(s):**

No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)
				Influent spiked water	Effluent filtrated water	
1	Total coliforms	CFU/100mL	GB/T 5750.12-2006	$9.8 \times 10^5$	<1	>99.999

Remark:

- \*Removal rate (%) = (test result of Influent spiked water – test result of Effluent filtrated water) / test result of Influent spiked water x 100%.
- The flow rate is 2.1 L/min.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

NO.588 West Jindu Road, Songjiang District, Shanghai, China 201612 t (86-21) 61915666 f (86-21) 61915678 www.sgsgroup.com.cn  
中国·上海·松江区金都西路588号 邮编: 201612 t (86-21) 61915666 f (86-21) 61915678 e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Member of the SGS Group (SGS SA)