



Test Report

NBF23-001251-01

Date: 17 Mar 2023

Client Name: BLUEVUA INC.

Client Address: 100 N Howard St Ste R Spokane, WA 99201-0508, USA

Sample Name: Bluevua RO100ROPOT -Lite Countertop Reverse Osmosis System

Manufacturer: /

Sample Batch No.: /

Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

Date of Sample Received: 27 Feb 2023

Testing Period: 27 Feb 2023 - 17 Mar 2023

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to the next page(s)

Test Result(s): Please refer to the next page(s)

Caran Wang

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SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch

Page 1 of 3

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NBF23-001251-01



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Test Report

NBF23-001251-01

Date: 17 Mar 2023

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF23-001251.001	Bluevua RO100ROPOT -Lite Countertop Reverse Osmosis System, Quantity: 1 set

Test Requested:

Selected test(s) as requested by applicant:
Removal rates of PFOA and PFOS at startup of operating life.

Test Method:

PFOA, PFOS: USEPA 537.1

Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) %
			Influent spiked water	Effluent filtrated water	
#PFOA	µg/L	USEPA 537.1	0.38	<0.01	>97.36
#PFOS	µg/L	USEPA 537.1	1.34	<0.01	>99.25

Remark:

- *Removal rate (%) = (test result of Influent spiked water - test result of Effluent filtrated water) / test result of Influent spiked water × 100%
- #Test items were carried out by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
- The test voltage is 220V



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Page 2 of 3



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Test Report

NBF23-001251-01

Date: 17 Mar 2023

Sample photo:



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*** End ***

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Page 3 of 3



Test Report

NBF22-012385-04

Date: 18 Nov 2022

Client Name: BLUEVUA INC.

Client Address: 100 N Howard St Ste R Spokane, WA 99201-0508, USA

Sample Name: Bluevua RO100ROPOT -Lite Countertop Reverse Osmosis System

Manufacturer: /

Sample Batch No.: /

Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No.: NBF22-012386、NBF22-012387

Date of Sample Received: 12 Oct 2022

Testing Period: 12 Oct 2022 - 21 Oct 2022

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to the next page(s)

Test Result(s): Please refer to the next page(s)

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Page 1 of 4

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NBF22-012385-04



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Test Report

NBF22-012385-04

Date: 18 Nov 2022

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF22-012385.001	Blue desk reverse osmosis water purifier, Quantity: 2 sets

Test Requested:

Selected test(s) as requested by applicant:

Removal rates of Total coliforms, Escherichia coli bacteriophage MS2, Lead (Pb), Arsenic (As), Color, Turbidity, Fluoride, Dissociate chlorine residue at startup of operating life.

Test Strain(s):

Escherichia coli CICC 10389

Escherichia coli bacteriophage MS2 ATCC 15597-B1—Coliphage

Escherichia coli ATCC 700891—Host bacteria

Test Method:

Challenge Testing: Refer to Ministry of Health of the People's Republic of China Standards for Drinking Water Quality Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-Reverse Osmosis Device

Color, Turbidity: GB/T 5750.4-2006 Standard examination methods for drinking water – Organoleptic and physical parameters

Fluoride: GB/T 5750.5-2006 Standard examination methods for drinking water – Nonmetal Parameters

Lead (Pb), Arsenic (As): GB/T 5750.6-2006 Standard examination methods for drinking water – Metal Parameters Metal Parameters Inductively coupled plasma mass spectrometry ICP/MS

Dissociate chlorine residue: GB/T 5750.11-Standard examination methods for drinking water — Disinfectants parameters

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

Escherichia coli bacteriophage MS2: Refer to EPA method 1602 Male-specific (F⁺) and somatic coliphage in water by single agar layer (SAL) procedure

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Page 2 of 4



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Test Report

NBF22-012385-04

Date: 18 Nov 2022

Test Result(s):

Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)%
			Influent spiked water	Effluent filtrated water	
Total coliforms	CFU/100mL	GB/T 5750.12-2006	2.7×10^4	<1	>99.99
Escherichia coli bacteriophage MS2	PFU/mL	EPA method 1602	6.4×10^4	<1	>99.99
Color	Hazen	GB/T 5750.4-2006	75	<5	>93.33
Turbidity	NTU	GB/T 5750.4-2006	21.2	0.06	99.72
Fluoride	mg/L	GB/T 5750.5-2006	5.669	0.009	99.84
Arsenic (As)	mg/L	GB/T 5750.6-2006	0.5444	0.0080	98.53
Lead (Pb)	mg/L	GB/T 5750.6-2006	0.7923	0.0002	99.97
Dissociate chlorine residue	mg/L	GB/T 5750.11-2006	10.40	<0.01	>99.90

Remark:

1. *Removal rate (%) = (test result of Influent spiked water - test result of Effluent filtrated water) / test result of Influent spiked water $\times 100\%$

Attention:.

This Test Report supersedes the Test Report No. NBF22-012385-02 issued by SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch. Original test report will be invalid from today.

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Test Report

NBF22-012385-04

Date: 18 Nov 2022

Sample photo:



NBF22-012385.001

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Page 4 of 4



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Test Report

NBF22-012385-03

Date: 18 Nov 2022

Client Name: BLUEVUA INC.

Client Address: 100 N Howard St Ste R Spokane, WA 99201-0508, USA

Sample Name: Bluevua RO100ROPOT -Lite Countertop Reverse Osmosis System

Manufacturer: /

Sample Batch No.: /

Production Date: /

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Reference No.: NBF22-012386、NBF22-012387

Date of Sample Received: 12 Oct 2022

Testing Period: 12 Oct 2022 - 21 Oct 2022

Test Requested: Selected test(s) as requested by client.

Test Method: Please refer to the next page(s)

Test Result(s): Please refer to the next page(s)

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Test Report

NBF22-012385-03

Date: 18 Nov 2022

Sample Description:

Specimen No.	SGS Sample ID	Description
1	NBF22-012385.001	Blue desk reverse osmosis water purifier, Quantity: 2 sets

Test Requested:

Selected test(s) as requested by applicant:

Hygienic safety extraction testing: Flush the sample with pure water, then fill it with pure water and keep it at room temperature for 24h. Then collect the extraction water for testing.

Test Method:

Hygienic safety extraction testing: Refer to Ministry of Health of the People's Republic of China Standards for Drinking Water Quality Sanitary Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-Reverse Osmosis Device

Color, Odor and taste, Visible substance, Turbidity, Volatile phenolic compounds: GB/T 5750.4-2006 Standard examination methods for drinking water – Organoleptic and physical parameters
Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg): GB/T 5750.6-2006 Standard examination methods for drinking water – Metal Parameters Inductively coupled plasma mass spectrometry (ICP/MS)

Chromium-VI: GB/T 5750.6-2006 Standard examination methods for drinking water – Metal Parameters

Total coliforms, Thermotolerant coliform bacteria: GB/T 5750.12-2006 Standard examination methods for drinking water –Microbiological Parameters

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Page 2 of 5



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Test Report

NBF22-012385-03

Date: 18 Nov 2022

Test Result(s):

Test item(s)	Unit (s)	Test method (s)	Test result(s)			*Increased amount1	*Increased amount2	Requirement(s)	Single determination
			Sample Group1	Sample Group2	Control Group			Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-Reverse Osmosis Device	
Color	Hazen	GB/T 5750.4-2006	<5	<5	<5	<5	<5	Increased amount≤5	Conform
Odor and taste	--	GB/T 5750.4-2006	None	None	None	None	None	No abnormal odor and taste	Conform
Visible substance	--	GB/T 5750.4-2006	None	None	None	None	None	Absence	Conform
Turbidity	NTU	GB/T 5750.4-2006	0.07	0.07	0.06	0.01	0.01	Increased amount≤0.2	Conform
Lead (Pb)	mg/L	GB/T 5750.6-2006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	Increased amount≤0.001	Conform
Cadmium (Cd)	mg/L	GB/T 5750.6-2006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	Increased amount ≤0.0005	Conform
Mercury (Hg)	mg/L	GB/T 5750.6-2006	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	Increased amount ≤0.0002	Conform
Chromium-VI	mg/L	GB/T 5750.6-2006	<0.004	<0.004	<0.004	<0.004	<0.004	Increased amount ≤0.005	Conform

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Test Report

NBF22-012385-03

Date: 18 Nov 2022

Test item(s)	Unit (s)	Test method (s)	Test result(s)			*Increased amount1	*Increased amount2	Requirement(s)	Single determination
			Sample Group1	Sample Group2	Control Group			Standard for Hygienic Safety and Function Evaluation on Treatment Devices of Drinking Water-Reverse Osmosis Device	
Arsenic (As)	mg/L	GB/T 5750.6-2006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	Increased amount ≤0.001	Conform
Volatile Phenolic Compounds (as phenol)	mg/L	GB/T 5750.4-2006	<0.002	<0.002	<0.002	<0.002	<0.002	Increased amount ≤0.002	Conform
Total coliforms	CFU/100mL	GB/T 5750.12-2006	<1	<1	<1	<1	<1	No detection per 100mL water sample	Conform
Thermotolerant coliform bacteria	CFU/100mL	GB/T 5750.12-2006	<1	<1	<1	<1	<1	No detection per 100mL water sample	Conform

Remark:

- *The increased amount is the concentration of pollutant in the extraction water minus it in the control group. If the concentration of the pollutant in the control group is less than the limit of quantitation, it is calculated as 1/2 of the detection limit.
- Total coliforms and Thermotolerant coliform bacteria test results <1 CFU/100mL means no detection
- Unless otherwise stated, the judgement of compliance in this report is based on whether the test result is within the specified limits or specifications with no account taken of the uncertainty.

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Test Report

NBF22-012385-03

Date: 18 Nov 2022

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Page 5 of 5



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