

Waterdrop

PRODUCT
CERTIFICATION
MANUAL

Waterdrop

Filter Better Live Healthier



FOREWORD

As water purification products become increasingly prevalent, consumers are raising their expectations—not only for purification performance but also for product safety and reliability. Despite the wide variety of water purifiers available on the market, safety incidents caused by poor design or substandard quality still occur, posing potential risks to users' health and everyday life.

At Waterdrop, we uphold a steadfast commitment to the principle of "Safety First, Quality Always." From material selection and structural design to electrical control and filtration performance, every stage of our product development is subject to rigorous standards and continuous refinement. We use only materials that meet food-contact safety requirements, enhance structural durability, improve the reduction efficiency of harmful substances, and subject our products to comprehensive testing or certification by globally recognized organizations such as NSF, SGS, and IAPMO.

This manual provides a detailed overview of the safety testing results and certification standards across four key dimensions: material safety, structural safety, electrical safety, and filtration performance. It offers a comprehensive look into the safety, reliability, and outstanding purification capabilities of Waterdrop products in real-world use.

Waterdrop is dedicated to ensuring every household has access to clean, safe, and healthy water. Protecting the wellbeing of families starts with every drop. Empowering better living through high-quality water remains our unwavering mission and promise.

Waterdrop International Authoritative Certification





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Certification Introduction





Current Safety Challenges in the Water Purification Industry

According to a survey by Green America, only 17% of U.S. consumers in 2021 reported being well-informed about their household tap water quality. This figure rose to 27% in 2022, reflecting growing public awareness and, in turn, increasing demand for water purifiers.

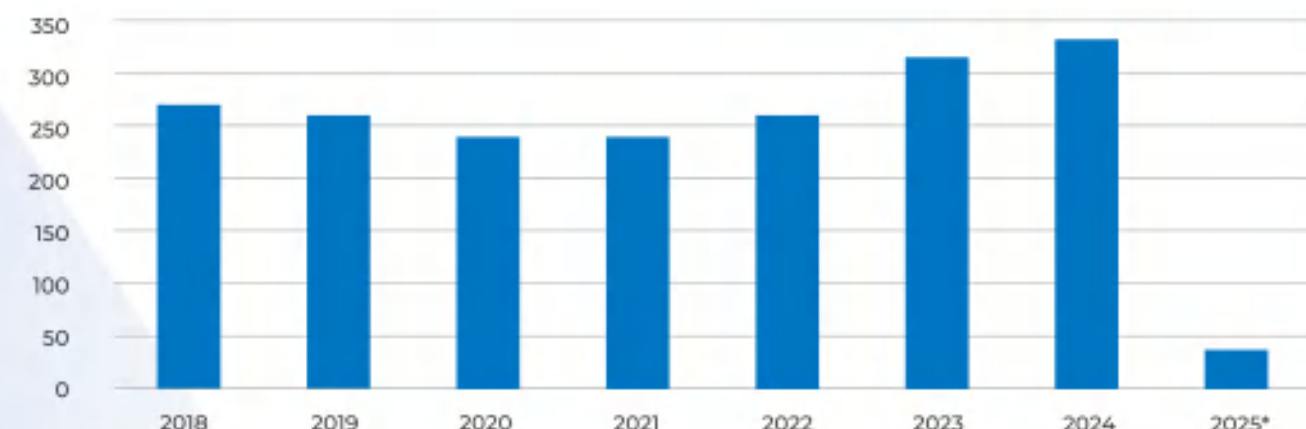
While today's market offers a wide variety of purifiers, consumers now also prioritize product safety—beyond filtration technology, filter lifespan, or ease of use. A reliable water purifier must create a healthy, safe environment. Without built-in safety, even the best system can pose health and property risks.

Recent inspections and consumer reports reveal ongoing safety concerns. Some purifiers fail to meet heavy metal reduction claims, while others even release more contaminants post-filtration. Data from the U.S. Consumer Product Safety Commission also highlights a frequent occurrence of quality-related recalls. This underscores the need for greater attention to purifier safety across the board.

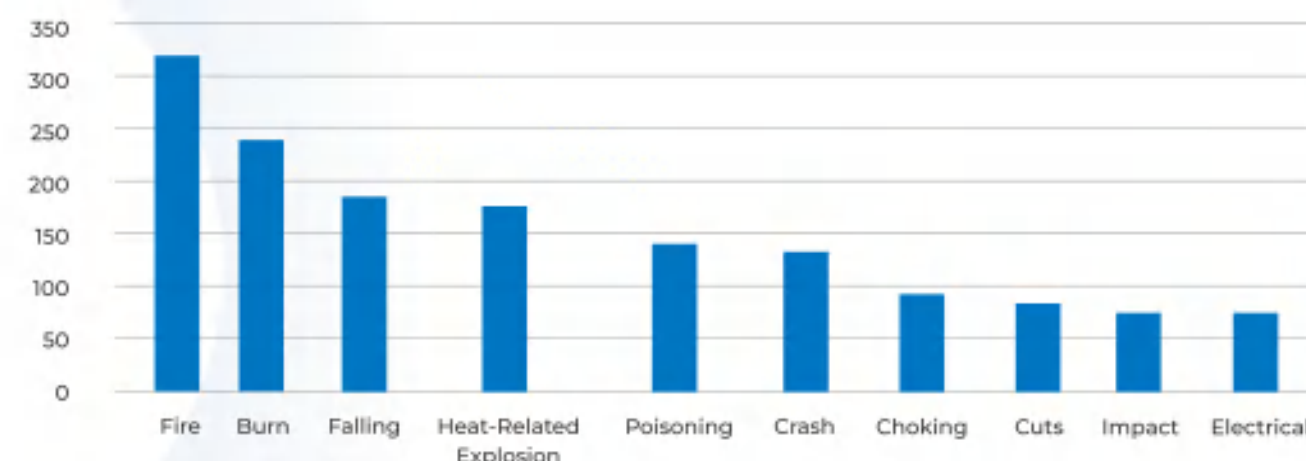
Importantly, a significant number of these recalls are linked to electrical hazards such as fire, shock, or explosion, often due to design flaws or poor-quality components. These risks not only endanger users but also harm brand trust.

At Waterdrop, we prioritize both material and electrical safety. Each product undergoes rigorous testing by certified bodies to ensure structural durability, safe operation, and consistent purification performance.

Number of Recalls



Number of Recalls



Hazard definitions:

1. Fire - Use of the product may lead to a fire or the product violates federal fabric flammability regulations.
2. Burn - Use of the product may lead to experiencing burns.
3. Falling - Use of the product may cause an unintentional fall.
4. Heat-Related Explosion - The product may explode unintentionally.
5. Poisoning - Use of the product may lead to poisoning.
6. Crash - Use of the product may lead to an unintentional crash.
7. Choking - Use of the product may lead to choking, or the product violates federal toy safety standards, or the product violates federal children clothing standards (drawstrings).
8. Cuts - Use of the product may lead to unintentional cuts and/or lacerations.
9. Electrical - Use of the product may lead to shock or electrocution.
10. Impact - Use of the product may lead to an unintentional impact that may cause injury or death.

* Data source: Recalls & Product Safety Warnings | CPSC.gov



Product Certification & Testing Overview



Material Safety

Waterdrop products have undergone comprehensive material safety testing by internationally recognized institutions and laboratories, including NSF, IAPMO, and TÜV SÜD. These tests confirm compliance with multiple regulatory standards across different countries, such as the U.S. NSF standards, China's hygienic safety and performance evaluation guidelines for drinking water treatment devices, the UK WRAS standard, and EU Commission regulations.

Over 370 potential leachable substances were tested, including 79 substances listed as international carcinogens, such as BPA, formaldehyde, arsenic, bromodichloromethane, and chloroform. All were found to be within safe limits, ensuring the safety of every drop of water that passes through our systems. Undergoes rigorous testing and evaluation by recognized certification bodies to ensure safe, consistent, and high-quality purification.



Structural Durability

Product lifespan and durability are a core focus during development. Each unit undergoes mechanical strength testing under water pressure three times higher than typical operating conditions. To simulate real-world usage, we also conduct 100,000-cycle pressure pulse tests. These tests ensure that the product maintains integrity and leak-free performance under the stress of repeated on/off water flow, preventing cracks or leaks during daily use.



Electrical Safety

Safety Testing: Our safety assessments simulate various user scenarios, referencing applicable laws, regulations, and standards to evaluate potential hazards—including electric shock, fire, mechanical or thermal injuries, chemical risks, and radiation. This helps ensure that products are designed to prevent foreseeable and unforeseeable risks, safeguarding users from injury or property damage.

EMC Testing: The main purpose of Electromagnetic Compatibility (EMC) testing is to ensure that electronic and electrical equipment can operate normally in an electromagnetic environment and will not cause unacceptable electromagnetic interference to other equipment or the environment.

Our products excel in electrical safety and have obtained multiple authoritative certifications, including the U.S. FCC, U.K. UKCA, EU CE, and China's CCC. These certifications demonstrate our commitment to high safety standards and reliability, ensuring that each product meets stringent safety requirements.



Filtration Performance

Our purification systems have been rigorously tested by renowned institutions including NSF, IAPMO, SGS, and CSA. Testing based on NSF standards and Chinese national guidelines confirms that Waterdrop products demonstrate exceptional reducing performance across a wide range of contaminants, including bacteria reduction up to 99.99% effectiveness, heavy metals over 99% reduction of lead, mercury, arsenic, and more, organic pollutants highly effective against pesticides, PFOA/PFOS, and other harmful compounds.

Our filters meet and exceed NSF performance standards and have been officially certified, delivering a safer, cleaner, and more reliable drinking water experience for consumers.



Waterdrop Certification Partners

Organization	Institutional Authority
NSF	A neutral third-party organization accredited by over 13 national and industry authorities including ANSI (American National Standards Institute) and Canada' s SCC (Standards Council of Canada). NSF is designated by the World Health Organization (WHO) as a Collaborating Centre on food and drinking water safety. Products certified by NSF are authorized to bear the NSF mark.
IAPMO	A non-profit organization focused on plumbing and HVAC safety standards. IAPMO R&T, its product certification branch, is a leading U.S. authority certifying water supply fittings, ventilation systems, kitchenware, and sanitary products for building applications.
SGS	A global leader in inspection, verification, testing, and certification. SGS China is a joint venture with the former State Bureau of Quality and Technical Supervision. SGS operates 50+ branches, 100+ labs, and employs over 13,000 people in China, serving industries such as automotive, electronics, consumer goods, food, medical devices, and more.
Intertek	One of the world' s largest consumer goods testing and certification companies. Intertek provides trusted quality assurance solutions in over 100 countries, offering reliable, impartial, and innovative services across a wide range of industries.

Organization	Institutional Authority
TÜV SÜD	One of the oldest and largest TÜV organizations globally, TÜV SÜD (Technical Inspection Association of Southern Germany) offers certification, inspection, testing, and consulting services. Known for its German engineering expertise and a worldwide laboratory network in over 800 locations.
CVC (China National Electric Apparatus Research Institute)	Established in 1958, CVC is one of China' s earliest national-level electric appliance quality testing centers. It is a CB Testing Laboratory (CBTL) recognized across Asia and is authorized by CNAS and the Certification and Accreditation Administration of China (CNCA).
CQC (China Quality Certification Center)	A top-tier national certification body in China, and the only National Certification Body (NCB) in the IECEE-CB system. A formal member of IQNet, CQC maintains mutual recognition partnerships with many international bodies, serving the largest client base among Chinese certifiers.
ClimatePartner	Headquartered in Germany, ClimatePartner provides internationally recognized solutions for carbon neutrality. Its Climate Neutral certification—covering companies, products, packaging, and apparel—is especially respected in DACH countries (Germany, Austria, Switzerland) and recognized by platforms such as Amazon.
CTI (Centre Testing International Group Co., Ltd.)	A designated body for China Compulsory Certification (CCC), accredited by CNAS and CMA. CTI is also a notified body for EU CE certification, and recognized by global agencies across the U.S., UK, EU, Canada, and more. CTI issues over 4 million reports annually, serving more than 100,000 clients—including hundreds of Fortune 500 companies.

Undersink Reverse Osmosis System

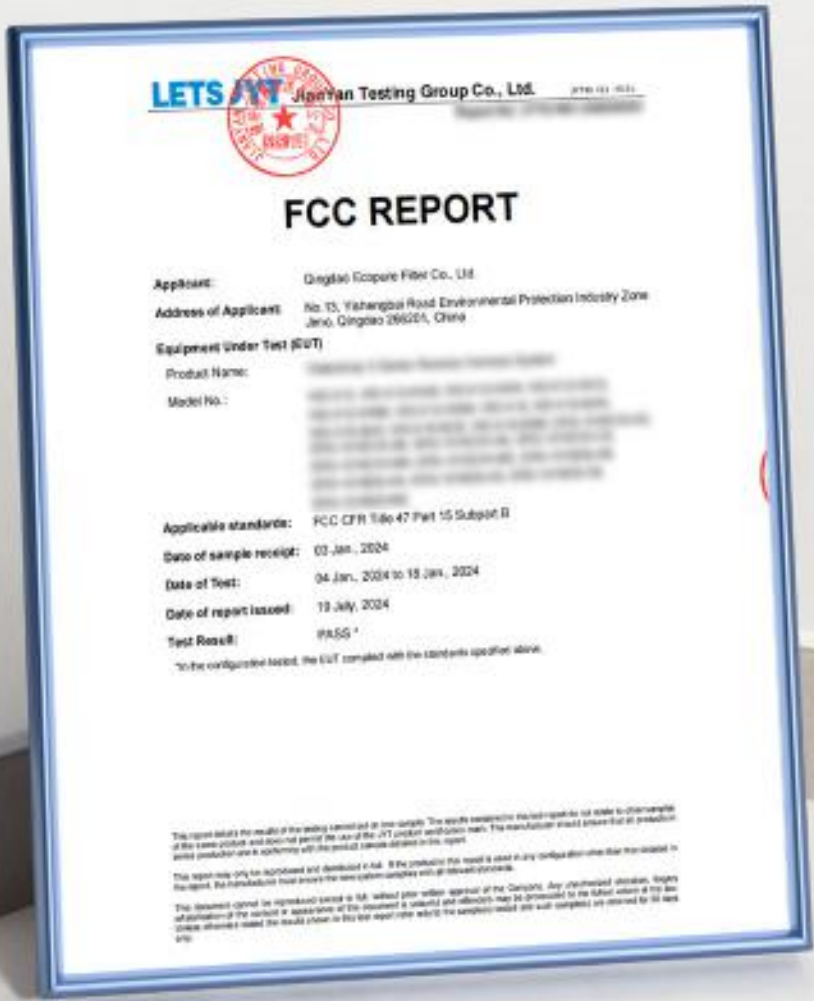




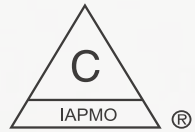
X16 Reverse Osmosis Water Filtration



FCC Certification







NSF/ANSI 58

Reduction Rate of TDS is **93.55%**



NSF/ANSI 372

Lead Content $\leq$ **0.25%**



SGS Product Filter Performance Test

SGS

Table 2

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)	Requirement(s) Maximum effluent concentration (mg/L) according to NSF/ANSI 55
				Influent spiked water	Effluent filtered water		
1	Mercury (Hg)	mg/L	EPA 200.8	0.0066	<0.0002	>96.96	0.002
2	Chromium (hexavalent)	mg/L	EPA 200.8	0.251	<0.001	>99.66	0.1
3	Chromium (Trivalent)	mg/L	EPA 200.8	0.283	<0.001	>99.64	0.1
4	Lead (Pb)	mg/L	EPA 200.8	0.1558	<0.0002	>99.87	0.005
5	Barium (Ba)	mg/L	EPA 200.8	8.828	<0.005	>99.94	2.0
6	Selenium (Se)	mg/L	EPA 200.8	0.107	<0.001	>99.06	0.05
7	Copper (Cu)	mg/L	EPA 200.8	2.755	<0.005	>99.81	1.3
8	Total dissolved solids (TDS)	mg/L	APHA 2540C	162	34	95.71	J
9	Nitrate (as N)	mg/L	EPA 200.0	27.400	2.207	91.06	10.0
10	Fluoride	mg/L	EPA 200.0	8.016	0.066	99.18	1.5
11	Nitrite (as N)	mg/L	EPA 200.0	3.178	0.080	98.11	1.0

Table 3

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s) (%)	Requirement(s) Maximum effluent concentration (mg/L) according to NSF/ANSI 55
				Influent spiked water	Effluent filtered water		
1	Perfluorooctane Sulfonate (PFOS)	mg/L	EPA 521.1	0.00088	<0.00001	>98.91	0.00001
2	Perfluorooctane Sulfonate (PFOS)	mg/L	EPA 521.1	0.00095	<0.00001	>98.98	0.00002

Table 4

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s) (%)	Requirement(s) Percent reduction requirement (%) according to NSF/ANSI 55
				Influent spiked water	Effluent filtered water		
1	Chloroform	mg/L	EPA Method 521.2	0.2151	<0.0005	>99.76	>95

Table 5

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(s) (%)
				Influent spiked water	Effluent filtered water	
1	Total coliforms	CFU/100mL	APHA 5212B	6.675	<1	>99.99

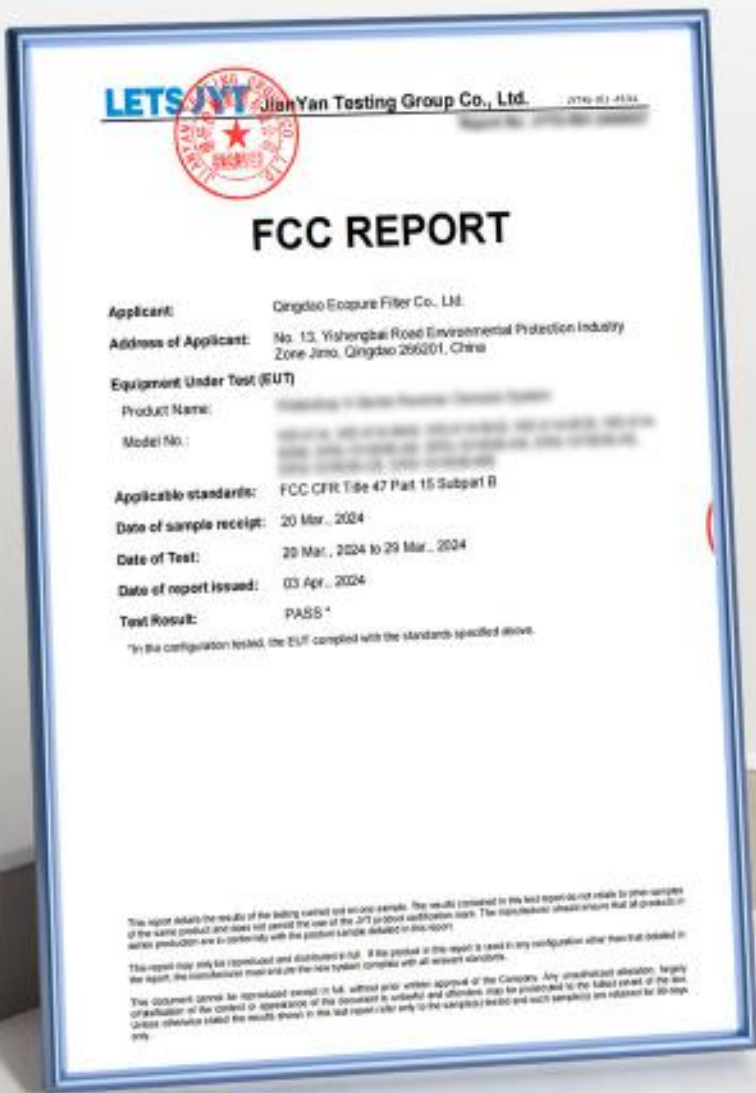
SGS Product Filter Performance Test



X14 Undersink Reverse Osmosis Water Filtration



FCC Certification







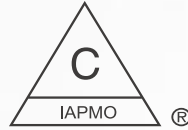
NSF/ANSI 58
Reduction Rate of TDS is **94.73%**



NSF/ANSI 372
Lead Content $\leq$ **0.25%**



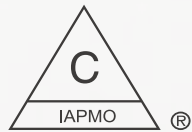
X12 Undersink Reverse Osmosis Water Filtration



FCC FCC Certification







NSF/ANSI 58
Reduction Rate of TDS is **94.6%**



NSF/ANSI 372
Lead Content $\leq$ **0.25%**



SGS Product Filter Performance Test

Test Result(s)
Table 1 Spiked substance

NO	Test item(s)	Spiked substance(s)
1	Mercury (Hg)	Mercury standard solution
2	Chromium (Hexavalent)	Potassium dichromate
3	Chromium (Trivalent)	Standard solution (Chromium +3)
4	Lead (Pb)	Lead nitrate
5	Barium (Ba)	Barium chloride
6	Selenium (Se)	Standard solution (Selenium)
7	Copper (Cu)	Copper sulfate pentahydrate
8	Total dissolved solids (TDS)	Sodium chloride
9	Total coliforms	Escherichia coli ATCC 25922
10	#Chloroform	Chloroform
11	#Nitrate (as N)	Sodium nitrate
12	#Fluoride	Sodium fluoride
13	#Nitrite (as N)	Sodium nitrite
14	#Perfluorooctane Sulfonate (PFOS)	Perfluorooctane Sulfonate (PFOS)
15	#Perfluorooctanoic acid (PFOA)	Perfluorooctanoic acid (PFOA)

Table 2

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(%)	Requirement(s)
				Influent spiked water	Effluent filtered water		
1	Mercury (Hg)	mg/L	EPA 200.8	0.0095	<0.0002	>99.98	0.002
2	Chromium (Hexavalent)	mg/L	EPA 200.8	0.287	<0.001	>99.66	0.1
3	Chromium (Trivalent)	mg/L	EPA 200.8	0.283	<0.001	>99.64	0.1
4	Lead (Pb)	mg/L	EPA 200.8	0.1556	<0.0002	>99.87	0.005
5	Barium (Ba)	mg/L	EPA 200.8	0.526	<0.005	>99.04	2.0
6	Selenium (Se)	mg/L	EPA 200.8	0.107	<0.001	>99.90	0.05
7	Copper (Cu)	mg/L	EPA 200.8	2.756	<0.005	>99.81	1.3

Table 3

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(%)	Requirement(s)
				Influent spiked water	Effluent filtered water		
1	#Perfluorooctane Sulfonate (PFOS)	µg/L	EPA 537.1	0.58	<0.01	>98.97	0.0007
2	#Perfluorooctanoic acid (PFOA)	µg/L	EPA 537.1	0.90	<0.01	>98.89	0.0007

Table 4

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(%)	Requirement(s)
				Influent spiked water	Effluent filtered water		
1	#Chloroform	mg/L	EPA Method 824.2	0.2251	<0.0001	>99.95	0.01

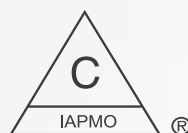
Table 5

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(%)	Requirement(s)
				Influent spiked water	Effluent filtered water		
1	Total coliforms	CFU/100mL	APHA 5215	0.0-10 ⁶	<1	>99.99	

SGS Product Filter Performance Test



X8 Undersink Reverse Osmosis Water Filtration



FCC FCC Certification





CE CE-EMC



CE CE-LVD



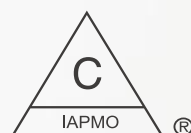
NSF/ANSI 58
Reduction Rate of TDS is **96.79%**



NSF/ANSI 372
Lead Content $\leq$ **0.25%**



G3P800 Undersink Reverse Osmosis Water Filtration



Carbon neutral
Product
ClimatePartner.com/23893-2305-1001



FCC FCC Certification





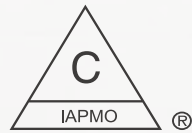
CE CE-LVD



CE CE-LVD



NSF/ANSI 42



NSF/ANSI 58

The reduction capabilities for TDS, Fluoride, Cadmium, Hexavalent Chromium and Selenium, Barium, Radium 226/228 meet the requirements of the NSF/ANSI standards.



NSF/ANSI 372

Lead Content $\leq$ 0.25%



UK
CA

UKCA-LVD



UK
CA

UKCA-EMC





CSA Product Filter Performance Test

Group 1: Atenolol, carbamazepine, DHEA, ginsenosides, lincomin

Substance	CAS Number	Individual influent sample point limits (ng/L)	Influent Concentration (ng/L) Sample 1	Effluent Concentration (ng/L) Sample 1	Maximum Effluent Concentration (ng/L)
Atenolol	29121-08-7	200 ± 40%	163	<15	30
carbamazepine	29846-4-4	1,400 ± 40%	1282	<100	200
DHEA	134-63-3	1,400 ± 40%	1554	<100	200
ginsenosides	738-73-5	140 ± 40%	118	<10	20
lincomin	13055-2	140 ± 40%	112	<10	20

Group 2: TCEP, TCP

Substance	CAS Number	Individual influent sample point limits (ng/L)	Influent Concentration (ng/L) Sample 2	Effluent Concentration (ng/L) Sample 2	Maximum Effluent Concentration (ng/L)
TCEP	115-96-8	5,000 ± 40%	5283	<100	700
TCP	12674-84-5	5,000 ± 40%	4967	309*	700

* Exceed the limit

Group 3: Phenol, Bisphenol, naproxen, estrone, bisphenol A, nonylphenol

Substance	CAS Number	Individual influent sample point limits (ng/L)	Influent Concentration (ng/L) Sample 3	Effluent Concentration (ng/L) Sample 3	Maximum Effluent Concentration (ng/L)
Phenol	57-41-0	200 ± 40%	223	<15	30
Bisphenol	15687-27-1	400 ± 40%	290	<10	20
naproxen	22184-53-1	140 ± 40%	137	<10	20
estrone	53-16-7	140 ± 40%	154	<15	30
bisphenol A	583-05-7	2,000 ± 40%	1638	<150	300
nonylphenol	84852-15-3	1,400 ± 40%	1361	<100	200

Chloroform reduction

Test Point	Chloroform Influent (µg/L)	Effluent (µg/L)	Reduction Rate	Reduction rate requirement
10L	278.7	4.4	98.40%	>95%

Nitrate/nitrite reduction

Test Point	Influent			Effluent			Maximum product water limit	Unit
	Nitrate (as N) ¹	Nitrite (as N) ¹	Nitrate plus nitrite (as N) ²	Nitrate (as N) ¹	Nitrite (as N) ¹	Nitrate plus nitrite (as N) ²	Nitrate (as N) ¹	Nitrate plus nitrite (as N) ²
10L	25.2	7.5	32.7	5.23	1.9*	7.12	1.0	10

* Exceed the limit

No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)
				Influent spiked water	Effluent treated water	
1	Total coliforms	CFU/100mL	GB/T 5750.12-2006	9.8 × 10 ⁶	<1	>99.99%

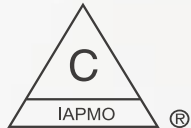
No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)
				Influent spiked water	Effluent treated water	
1	Turbidity	NTU	GB/T 5750.4-2006	11.7	0.08	99
2	Total dissolved solids (TDS)	mg/L	GB/T 5750.4-2006	244	6	98
3	Sulfate (as S)	mg/L	GB/T 5750.5-2006	1.654	0.020	98
4	Fluoride	mg/L	GB/T 5750.5-2006	5.567	0.061	99
5	Dissolved chlorine residual	mg/L	GB/T 5750.11-2006	1.90	<0.01	>99
6	Arsenic (As)	mg/L	GB/T 5750.6-2006	0.1181	<0.005	>98
7	Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0958	<0.003	>99
8	Chromium(VI)	mg/L	GB/T 5750.6-2006	0.517	<0.004	>98
9	Lead (Pb)	mg/L	GB/T 5750.6-2006	8.1113	<0.002	>99
10	Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0089	<0.002	>98
11	Copper (Cu)	mg/L	GB/T 5750.6-2006	1.001	<0.005	>99
12	Selenium (Se)	mg/L	GB/T 5750.6-2006	1.088	<0.005	>99
13	Selenium (Se)	mg/L	GB/T 5750.6-2006	6.158	<0.005	>99
14	Chlorate (ClO ₃ ⁻)	mg/L	GB/T 5750.11-2006	0.182	<0.005	>98
15	Perfluorooctane Sulfonate (PFOS)	µg/L	US EPA 817	3.28	<0.01	>98
16	Perfluorooctanoic acid (PFDA)	µg/L	US EPA 817	5.00	<0.01	>99

Remark:

SGS Product Filter Performance Test



G3P600 Undersink Reverse Osmosis Water Filtration



Carbon neutral
Product
ClimatePartner.com/23893-2305-1001

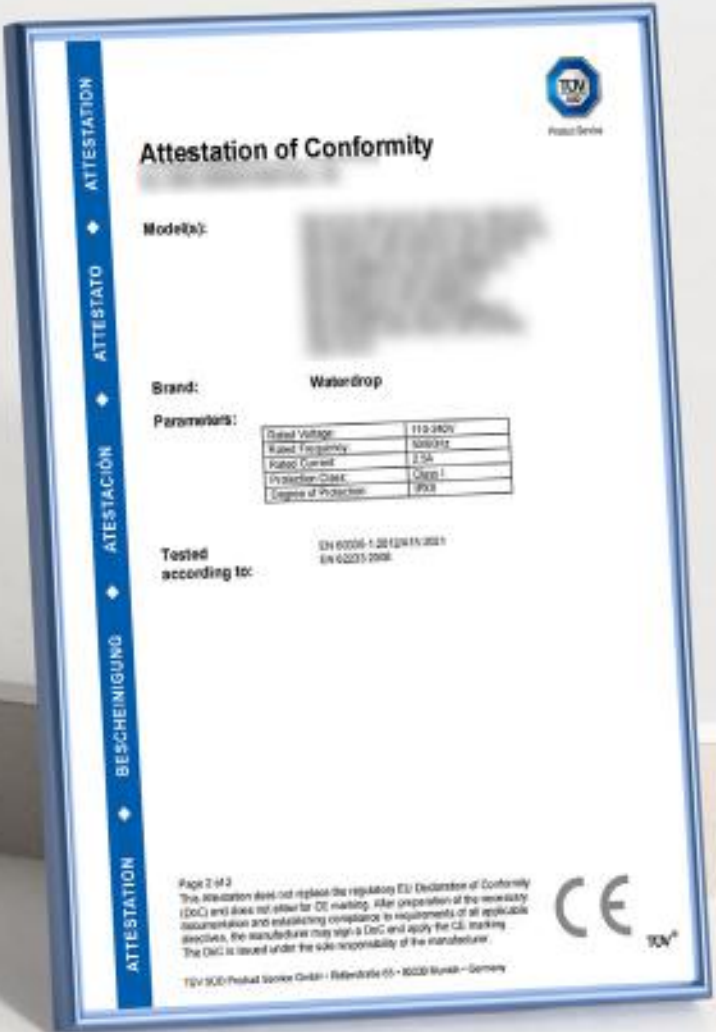


FCC FCC Certification





CE CE-LVD



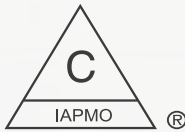
CE CE-LVD



CE CE-EMC



NSF/ANSI 42



NSF/ANSI 58

The reduction capabilities for TDS, Fluoride, Cadmium, Hexavalent Chromium and Selenium meet the requirements of the NSF/ANSI standards.



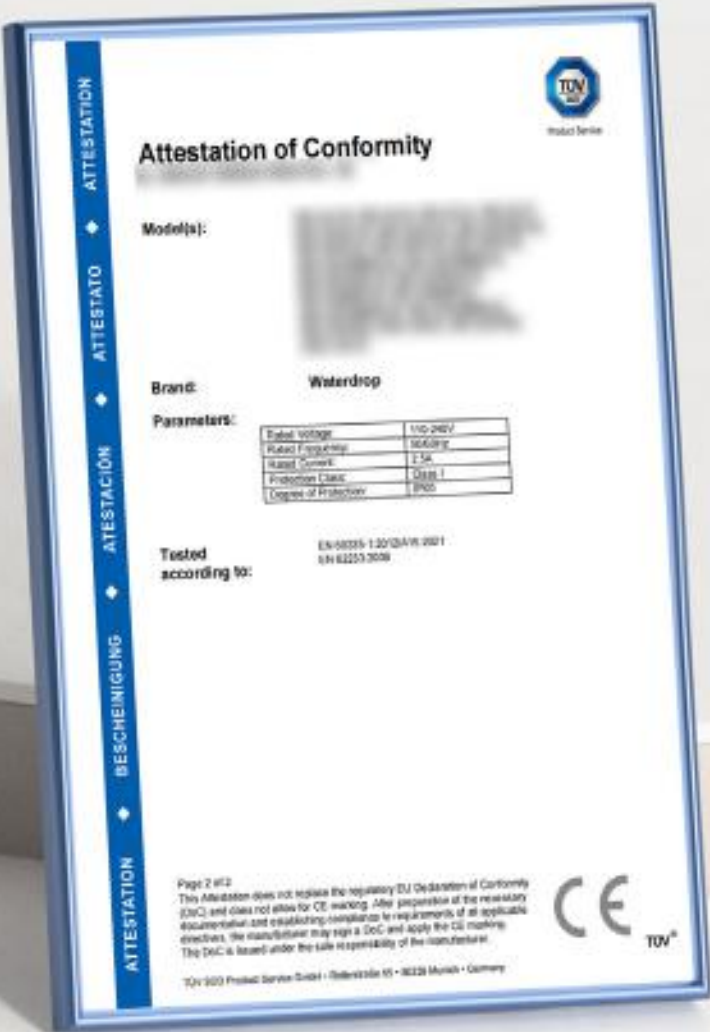
NSF/ANSI 372

Lead Content $\leq$ 0.25%



UK
CA

UKCA-LVD



UK
CA

UKCA-LVD



UK
CA UKCA-EMC



No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal ratio(s) (%)
				Influent spiked water	Effluent filtered water	
1	Total coliforms	CFU/100mL	GB/T 5750.12-2006	3.5 x 10 ⁵	<1	>99.999

No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal ratio(s) (%)
				Influent spiked water	Effluent filtered water	
1	Turbidity	NTU	GB/T 5750.4-2006	11.7	0.08	99
2	Total dissolved solids (TDS)	mg/L	GB/T 5750.4-2006	244	6	98
3	Nitrate (as N)	mg/L	GB/T 5750.5-2006	1.654	0.026	98
4	Fluoride	mg/L	GB/T 5750.5-2006	5.367	0.081	98
5	Disinfectant chlorine residual	mg/L	GB/T 5750.11-2006	1.95	<0.01	>99
6	Arsenic (As)	mg/L	GB/T 5750.6-2006	6.1151	<0.0025	>99
7	Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0658	<0.0002	>99
8	Chromium(VI)	mg/L	GB/T 5750.6-2006	0.817	<0.004	>99
9	Lead (Pb)	mg/L	GB/T 5750.6-2006	3.1113	<0.0005	>99
10	Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0665	<0.0002	>99
11	Copper (Cu)	mg/L	GB/T 5750.6-2006	1.051	<0.005	>99
12	Barium (Ba)	mg/L	GB/T 5750.6-2006	1.085	<0.005	>99
13	Selenium (Se)	mg/L	GB/T 5750.6-2006	8.139	<0.005	>99
14	Chlorate (ClO ₃ ⁻)	mg/L	GB/T 5750.11-2006	0.782	<0.005	>99
15	Perfluorooctane sulfonate (PFOS)	µg/L	US EPA 537	3.28	<0.01	>99
16	Perfluorooctanoic acid (PFOA)	µg/L	US EPA 537	3.80	<0.01	>99

SGS Product Filter Performance Test



D6 Undersink Reverse Osmosis Water Filtration



FCC FCC Certification





G2P600 Undersink Reverse Osmosis Water Filtration



NSF/ANSI 372

Lead Content $\leq 0.25\%$



FCC Certification





K6 Undersink Reverse Osmosis Instant Hot Water Dispenser



FCC FCC Certification







UK
CA

UKCA-EMC



UK
CA

UKCA-LVD



China Compulsory Certification



NSF/ANSI 372
Lead Content ≤ 0.25%



SGS Product Filter Performance Test

No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)
				Influent spiked water	Effluent filtered water	
1	Turbidity	NTU	GB/T 5750.4-2006	11.7	0.09	99
2	Total dissolved solids (TDS)	mg/L	GB/T 5750.4-2006	244	8	96
3	Nitrate (as N)	mg/L	GB/T 5750.5-2006	1.954	0.123	93
4	Fluoride	mg/L	GB/T 5750.5-2006	5.561	0.093	99
5	Dissociate chlorine residue	mg/L	GB/T 5750.11-2006	1.88	<0.01	>99
6	Arsenic (As)	mg/L	GB/T 5750.6-2006	0.1151	0.0014	99
7	Cadmium (Cd)	mg/L	GB/T 5750.6-2006	0.0568	<0.0002	>99
8	Chromium VI	mg/L	GB/T 5750.6-2006	0.517	<0.004	>99
9	Lead (Pb)	mg/L	GB/T 5750.6-2006	0.1113	<0.0005	>99
10	Mercury (Hg)	mg/L	GB/T 5750.6-2006	0.0086	<0.0002	>99
11	Copper (Cu)	mg/L	GB/T 5750.6-2006	1.601	<0.005	>99
12	Barium (Ba)	mg/L	GB/T 5750.6-2006	1.088	0.014	98
13	Selenium (Se)	mg/L	GB/T 5750.8-2006	0.130	<0.005	>99
14	Chlorate (ClO ₂)	mg/L	GB/T 5750.11-2006	0.192	<0.005	>99
15	Perfluorooctane Sulfonate (PFOS)	μg/L	US EPA 537	3.29	<0.01	>99
16	Perfluorooctanoic acid (PFDA)	μg/L	US EPA 537	3.00	<0.01	>99

Remark:

No.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s) (%)
				Influent spiked water	Effluent filtered water	
1	Total coliforms	CFU/100mL	GB/T 5750.12-2006	0.5 × 10 ⁶	<1	>99.999



Countertop Reverse Osmosis System





A1 Reverse Osmosis Hot Cold Water Dispenser



FCC FCC Certification





CE (EMC+LVD)



UKCA (EMC+LVD)



China Compulsory Certification



NSF/ANSI 372

Lead Content ≤ **0.25%**



SGS Product Filter Performance Test

NO	Test item(s)	Unit(s)	Test method(s)	Test result(s)		*Removal rate(s)/%
				Influent spiked water	Effluent filtered water	
3	Fluoride	mg/L	GB/T 5750.5-2006	8.557	0.040	99.53
4	Arsenic (As)	mg/L	GB/T 5750.6-2006	0.3337	0.0278	91.67
5	Lead (Pb)	mg/L	GB/T 5750.8-2006	0.9330	<0.0005	>99.99
6	Copper (Cu)	mg/L	GB/T 5750.6-2006	3.268	<0.005	>99.84
7	Chromium-VI	mg/L	GB/T 5750.6-2006	0.153	<0.004	>97.38
8	Dissociate chlorine residue	mg/L	GB/T 5750.11-2006	2.02	<0.01	>99.50
9	Chloramine	mg/L	GB/T 5750.11-2006	2.88	0.66	97.22
10	Chloroform	mg/L	GB/T 5750.8-2006	0.3841	<0.0002	>99.94
11	Total coliforms	CFU/100mL	GB/T 5750.12-2006	1.1×10 ⁶	<1	>99.99
12	Ampicillin	μg/L	SGS in house method	7.212	<0.005	>99.93
13	Amoxicillin	μg/L	SGS in house method	8.128	<0.005	>99.93
14	Tetracycline	μg/L	SGS in house method	7.937	<0.005	>99.93
15	Oxytetracycline	μg/L	SGS in house method	8.600	<0.005	>99.94
16	Chlortetracycline	μg/L	SGS in house method	8.445	<0.005	>99.94
17	Sulfadiazine	μg/L	SGS in house method	8.535	<0.005	>99.94
18	Sulfamethoxazole	μg/L	SGS in house method	7.820	<0.005	>99.93
19	Roxithromycin	μg/L	SGS in house method	7.966	<0.005	>99.93
20	Norfloxacin	μg/L	SGS in house method	7.813	<0.005	>99.93

Test item(s)	Unit(s)	Test method(s)	Test result(s)	
			Influent water	Effluent water
Methylene Chloride	mg/L	EPA Method 524.2	<0.0001	<0.0001

SGS Product Filter Performance Test

Table1: Perfluorooctanoic Acid(PFOA) reduction results at the start of sample operating life				
Sample points	Accumulated Volume (L)	Perfluorooctanoic Acid(PFOA)-Test result (μg/L)		Reduction (%)
		Influent challenge water	Effluent filtered water	
Sample 1	3	0.500	<0.01	>99.8

Table2: Perfluorooctane Sulfonates(PFOS) reduction results at the start of sample operating life				
Sample points	Accumulated Volume (L)	Perfluorooctane Sulfonates(PFOS)-Test result (μg/L)		Reduction (%)
		Influent challenge water	Effluent filtered water	
Sample 1	3	1.01	<0.01	>99.1



K19H Reverse Osmosis Hot Water Dispenser

FCC CE IC UK CA CCC



FCC FCC Certification







UK
CA UKCA-EMC



UK
CA UKCA-LVD



IC IC Certification



China Compulsory Certification



C1H Countertop Reverse Osmosis Water Dispenser



Filter Better Live Healthier





NO.	Test item(s)	Unit(s)	Test method(s)	Test result(s)		Removal rate(%)
				Influent mg/L	Effluent mg/L	
1	Total dissolved solids (TDS)	mg/L	GB/T 5750.4-2023	1080	55	94.95
2	Nitrate (as N)	mg/L	GB/T 5750.5-2023	37.20	2.52	93.23
3	Fluoride	mg/L	GB/T 5750.5-2023	9.3	0.2	97.94
4	Asenic (As)	mg/L	GB/T 5750.5-2023	0.25905	0.00447	98.51
5	Lead (Pb)	mg/L	GB/T 5750.5-2023	0.12738	<0.00027	>99.94
6	Copper (Cu)	mg/L	GB/T 5750.5-2023	4.00361	0.00795	99.80
7	Chromium(VI)	mg/L	GB/T 5750.5-2023	0.152	<0.004	>97.36
8	Dissolved chlorine residue	mg/L	GB/T 5750.11-2023	1.93	<0.01	>99.48
9	Chloramine	mg/L	GB/T 5750.11-2023	3.08	<0.01	>99.66
10	Chloroform	mg/L	GB/T 5750.8-2023	0.2826	0.0019	99.33
11	Total coliforms (CFU/100mL)	CFU/100mL	GB/T 5750.12-2023	7.2×10 ⁵	<1	>99.99
12	Ampicillin	µg/L	SGS in house method	10.318	<0.005	>99.95
13	Aminocillin	µg/L	SGS in house method	9.856	<0.005	>99.94
14	Tetracycline	µg/L	SGS in house method	10.805	0.008	99.93
15	Oxytetracycline	µg/L	SGS in house method	10.047	0.015	99.85
16	Chlortetracycline	µg/L	SGS in house method	10.667	0.009	99.94
17	Sulfadiazine	µg/L	SGS in house method	9.867	0.115	98.78
18	Sulfamethazine	µg/L	SGS in house method	9.771	0.106	98.92
19	Roxithromycin	µg/L	SGS in house method	11.758	0.128	98.91
20	Norfloxacin	µg/L	SGS in house method	9.625	<0.005	>99.94

SGS Product Filter Performance Test



FCC Certification



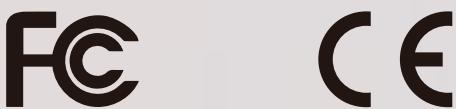
NSF/ANSI 372
Lead Content $\leq$ 0.25%

Body Care Water Filtration





Micronano Bubble Facial Wash Water Filter system



Filter Better Live Healthier





SGS Product Efficacy Evaluation Report

SGS Product Filter Performance Test

Parameter (Instrument) (Site)	Time point	Rate of change	Significance compared with D0	Subjects (Proportion of improved subjects)	Parameter introduction
Pore feature count (VISIA 7) (Cheek)	D14	-6.53%	Non-significantly	16(60%)	The lower the value the pore had been improved.
	D28	-8.96%	Significantly	22(73%)	
Pore score (VISIA 7) (Cheek)	D14	-10.51%	Significantly	18(60%)	The lower the value the pore had been improved.
	D28	-11.57%	Significantly	20(67%)	
Pore percentile (VISIA 7) (Cheek)	D14	8.24%	Non-significantly	17(57%)	The higher the value the pore had been improved.
	D28	12.16%	Significantly	19(63%)	
Skin redness a* (VISIA 7-IPP) (Cheek)	D14	-12.76%	Significantly	26(87%)	The lower the value the skin redness had been improved.
	D28	-13.56%	Significantly	26(93%)	
Skin redness area (VISIA 7-IPP) (Cheek)	D14	-44.67%	Significantly	24(80%)	The lower the value the skin redness had been improved.
	D28	-52.50%	Significantly	26(91%)	
Skin redness area(AOI) (VISIA 7-IPP) (Cheek)	D14	-44.68%	Significantly	24(80%)	The lower the value the skin redness had been improved.
	D28	-52.50%	Significantly	26(91%)	
Skin trans epidermal water loss (Tewameter® TM Hex) (Cheek)	D14	-5.14%	Significantly	30(100%)	The lower the value indicated the skin barrier function had improved.
	D28	-10.66%	Significantly	30(100%)	
Skin hydration (Corneometer® CM625) (Cheek)	D14	11.76%	Significantly	30(100%)	The higher the value indicated the skin hydration had increased.
	D28	26.09%	Significantly	30(100%)	
Skin tone L* value (Colorimeter® CL400) (Cheek)	D14	2.01%	Significantly	28(93%)	The higher the value the skin tone is whiter.
	D28	2.83%	Significantly	29(97%)	
Skin tone a* value (Colorimeter® CL400) (Cheek)	D14	-7.13%	Significantly	27(90%)	The lower the value the skin tone is less red.
	D28	-7.89%	Significantly	26(93%)	
Skin tone b* value (Colorimeter® CL400) (Cheek)	D14	5.94%	Significantly	14(47%)	The lower the value the skin tone is less yellow.
	D28	5.17%	Significantly	13(43%)	
Skin tone ITA° value (Colorimeter® CL400) (Cheek)	D14	2.65%	Significantly	27(90%)	The higher the value the skin tone is lighter.
	D28	5.36%	Significantly	28(93%)	
Parameter (Instrument) (Site)	Time point	Rate of change	Significance compared with D0	Improved subjects (Proportion of improved subjects)	Parameter introduction
Skin erythema content (Diffractometer® MX18) (Cheek)	D14	-5.48%	Significantly	30(100%)	The lower the test value, the less the skin erythema.
	D28	-8.29%	Significantly	30(100%)	
Skin sebum (Sebumeter® SM815) (Forehead)	D14	-7.62%	Significantly	29(97%)	The lower the value the less the skin sebum is.
	D28	-23.18%	Significantly	30(100%)	
Skin gloss (Glossometer® GL200) (The peak of the cheekbone)	D14	4.22%	Significantly	30(100%)	The higher the test value, the better the skin gloss.
	D28	14.11%	Significantly	30(100%)	

Test Result(s)		Test method(s)	Test result(s)		Removal rate(s) %
Test item(s)	Unit(s)		Influent spiked water	Effluent filtered water	
Total coliforms	CFU/100mL	GB/T 5750.12-2003	3.6×10 ³	<1	>99.99



Ultrafiltration Faucet Purifier For Skin Care



SGS Product Filter Performance Test

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 5750.12-2023	7.4×10 ⁵	<1	>99.99



Whole House Water Filtration





WD-10UA Direct Connect Undersink Water Filtration System



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NSF/ANSI 372



WD-15UA Direct Connect Undersink Water Filtration System







NSF/ANSI 42





NSF/ANSI 372

Lead Content ≤ **0.25%**



WD-TSU Undersink Sink Ultra Water Filtration System



UKCA-EMC



FCC Certification



CE-EMC



NSF/ANSI 372
Lead Content $\leq$ 0.25%



WD-RPFK Spin Down Whole House Water Filter



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Lead Content $\leq$ 0.25%





WD-WHF21 2-stage Whole House Water Filter

WD-WHF21-PG

WD-WHF21-FG

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WD-WHF21-FG

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WD-WHF21-PG

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Lead Content $\leq$ 0.25%



WD-WHF3T-FG 3-stage Whole House Water Filter



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