



TEST REPORT

1. NO : CT17-142903

2. Client

○ Name : Korea Water Purifier Industry Cooperative

○ Address : 20, Donggwang-ro 18-gil, Seocho-gu, Seoul, Korea

3. Date of Test : 2017.12.22 ~ 2018.01.22

4. Use of Report : Quality Review

5. Test Sample : Prime Water Purifier

6. Test Method

(1) Official methods of Water Purifier
(Ministry of Environment notification 2016-50,
2016.02.29)

Reissuance(R1)
Date : 2018.02.07



Affirmation	Tested By	<i>Seok.</i>	Technical Manager	<i>[Signature]</i>
	Name : Hyeong jun Seok		Name : Kyu Jin Jung	
Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the qualities of the lot from which the sample was taken or of apparently identical or similar products.				

2018.01.22

Korea Conformity Laboratories

President Kyung Sik Kim

[Signature]

Address : 08503 199, Gasan digital 1-ro, Geuncheon-gu, Seoul, Korea 82-2-2102-2500

Result Inquiry : Environmental Testing Center 82-2-2102-2598



TEST REPORT ON COMPULSORY PURIFICATION ABILITY AND CAPACITY OF WATER PURIFIER

Reissuance (R1)

Date : 2018.02.07

Report No. : CT17-142903	Representative : Jeong Sik Seo
Manufacture Company : Prime Water Co., Ltd.	Applicant Address : 6F, Ilwoo Bldg,
Applicant Name : Jeong Sik Seo	#21, Saneop-ro 7beon-gil, Bucheon-si,
Products Name : Prime Water Purifier	Gyeonggi-do, Republic of Korea
Purification Type : Filtering System	Model Name : PRIME
Request Date : Dec. 22, 2017	Test Completion Date : Jan. 22, 2018

Test Item	Units	In-Flow Conc.	Removal Rate Standard	Test Results		Test Conditions	
				Out-Flow Conc.	Removal Rate(%)		
Compul-sory Purifi-cation ability	Available Free Residual chlorine	mg/L	2.06	90%	Not detected	100	Water Temp. : 22 ℃ Water Pressure : 2.0 kgf/cm ²
	Color	Degree	15	80%	Not detected	100	
	Turbidity	NTU	4.56	90%	0.20	96	
	Chloroform	mg/L	0.237	80%	Not detected	100	

Decision Pass

Estimated Available Capacity		3000 L						
Test Item	Removal Rate Standard	Sampling point(L)	750 L	1 500 L	2 250 L	3 000 L	3 600 L	
			In-Flow Conc. (mg/L)	0.260	0.277	0.284	0.287	0.251
Available Capacity	80 %	Chloroform	Out-Flow Conc. (mg/L)	0.012	0.014	0.024	0.029	0.028
			Removal Rate(%)	95	95	92	90	89
			Turbidity	80 %	Turbidity	In-Flow Conc. (mg/L)	0.51	0.49
Out-Flow Conc. (mg/L)	0.09	0.09				0.09	0.09	0.09
Removal Rate(%)	82	82				83	82	82
Available Capacity			3000 L					
Reference Note			-					

It is certified that this result is the report for compulsory water purification ability test of the product.

Jan. 22, 2018

Korea Conformity Laboratories

President Kim, kyungsik

To. CHIEF DIRECTOR, KOREA WATER PURIFIER INDUSTRY COOPERATIVE



TEST REPORT ON EXTRACTION TESTING OF WATER PURIFIER

Reissuance (R1)
Date : 2018.02.07

Report No. : CT17-142903 Representative : Jeong Sik Seo
 Manufacture Company : Prime Water Co., Ltd. Applicant Address : 6F, Ilwoo Bldg,
 Applicant Name : Jeong Sik Seo #21, Saneop-ro 7beon-gil, Bucheon-si,
 Products Name : Prime Water Purifier Gyeonggi-do, Republic of Korea
 Purification Type : Filtering System Model Name : PRIME
 Request Date : Dec. 22, 2017 Test Completion Date : Jan. 22, 2018

Test Items	Units	Standard	Results	Test Items	Units	Standard	Results
Taste	-	Tasteless	Tasteless	Alkyl Benzene Sulfonate	mg/L	below 0.05	-
Odor	-	Odorless	Odorless	Pemanganate Consumption value(KMnO ₄)	mg/L	below 1.0	0.6
Color	degree	below 0.5	Not detected	Phenols	mg/L	below 0.0005	Not detected
Turbidity	NTU	below 0.2	0.10	Carbon tetrachloride	mg/L	below 0.0002	Not detected
Cadmium(Cd)	mg/L	below 0.0005	Not detected	1,2-Dichloroethane	mg/L	below 0.0004	Not detected
Selenium(Se)	mg/L	below 0.001	Not detected	1,1-Dichloroethylene	mg/L	below 0.003	Not detected
Lead(Pb)	mg/L	below 0.001	Not detected	1,1,2-Trichloroethane	mg/L	below 0.0006	Not detected
Arsenic(As)	mg/L	below 0.001	Not detected	Trichloroethylene	mg/L	below 0.003	Not detected
Zinc(Zn)	mg/L	below 0.3	Not detected	Benzene	mg/L	below 0.001	Not detected
Iron(Fe)	mg/L	below 0.03	Not detected	1,1,1-Trichloroethane	mg/L	below 0.01	Not detected
Copper(Cu)	mg/L	below 0.1	Not detected	Dichloromethane	mg/L	below 0.002	Not detected
Sodium(Na)	mg/L	below 20	-	Cis-1,2-Dichloroethylene	mg/L	below 0.004	Not detected
Manganese(Mn)	mg/L	below 0.03	0.009	Tetrachloroethylene	mg/L	below 0.001	Not detected
Hexavalent chromium(Cr ⁶⁺)	mg/L	below 0.005	Not detected	Epichlorohydrin	mg/L	below 0.01	Not detected
Mercury(Hg)	mg/L	below 0.0001	Not detected	Vinyl acetate	mg/L	below 0.01	Not detected
Cyanide(CN ⁻)	mg/L	below 0.001	-	Styrene	mg/L	below 0.002	Not detected
Antimony(Sb)	mg/L	below 0.004	Not detected	1,2-Butadiene	mg/L	below 0.001	Not detected
Nickel(Ni)	mg/L	below 0.04	0.004	1,3-Butadiene	mg/L	below 0.001	Not detected
Aluminum(Al)	mg/L	below 0.04	0.029	N,N-Dimethylaniline	mg/L	below 0.01	Not detected
Boron(B)	mg/L	below 0.1	-	2,4-Toluene diamine	mg/L	below 0.002	-
Silver(Ag)	mg/L	below 0.01	-	2,6-Toluene diamine	mg/L	below 0.001	-
Nitrate Nitrogen(NO ₃ -N)	mg/L	below 1	-	Formaldehyde	mg/L	below 0.1	0.060
Nitrate Nitrogen(NO ₂ -N)	mg/L	below 1	-	Toluene	mg/L	below 0.07	Not detected
Fluoride(F ⁻)	mg/L	below 0.15	-	Xylenes	mg/L	below 0.05	Not detected
Chloride(Cl ⁻)	mg/L	below 25	-	Bisphenol A	mg/L	below 0.01	-
Evaporation residue	mg/L	below 50	-				

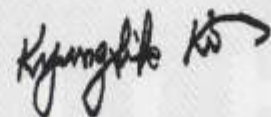
Decision (Criteria exceeded item) Pass (none)

This test report is Approved for the product named above.

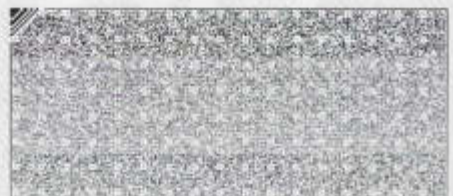
Jan. 22, 2018

Korea Conformity Laboratories

President Kim, kyungsik



To. CHIEF DIRECTOR, KOREA WATER PURIFIER INDUSTRY COOPERATIVE



TEST REPORT

No : CT18-038490

7. Test Results

1) Prime Water Purifier

Test Item(s)	Unit	Standard	LOQ	Test method	Test Results	Remark
Sodium(Na)	mg/L	below 20	0.01	(1)	Not detected	-
Fluoride(F ⁻)	mg/L	below 0.15	0.1	(1)	Not detected	-
Nitrate Nitrogen(NO ₃ -N)	mg/L	below 1	0.1	(1)	Not detected	-
Nitrate Nitrogen(NO ₂ -N)	mg/L	below 1	0.1	(1)	Not detected	-
Chloride(Cl ⁻)	mg/L	below 25	0.1	(1)	Not detected	-
Evaporation residue	mg/L	below 50	5	(1)	49	-
Cyanide(CN ⁻)	mg/L	below 0.001	0.001	(1)	Not detected	-
Alkyl Benzene Sulfonate	mg/L	below 0.05	0.01	(1)	Not detected	-
2,4-Toluene diamine	mg/L	below 0.002	0.001	(1)	Not detected	-
2,6-Toluene diamine	mg/L	below 0.001	0.0007	(1)	Not detected	-
Boron(B)	mg/L	below 0.1	0.01	(1)	Not detected	-
Silver(Ag)	mg/L	below 0.01	0.005	(1)	Not detected	-

— End of Report —

