

Water Quality Report

Sample pre-treatment: Click the power button of the prototype, the prototype starts to make water. After 24 hours later, the water made by the water maker is drained for more than 5 minutes, and then the water sample is taken for testing.

No.	Test Item	Test Result	Standard Request	Unit	Test Method	Individual Judgment
1	Total Coliform	Absence	Absence	MPN/ 100mL	GBT 5750.4- 2023/8.1	Pass
2	Thermotolerant coliform bacteria	Absence	Absence	MPN/ 100mL	GBT 5750.4- 2023/8.1	Pass
3	Chroma	<5	≤5	Degree	GBT 5750.4- 2023/8.1	Pass
4	Turbidity	0.7	≤0.5	NTU	GBT 5750.4- 2023/8.1	Pass
5	Macroscopic object	Fibers detected	None	/	GBT 5750.4- 2023/8.1	Pass
6	Smell	None	Odorless	/	GBT 5750.4- 2023/8.1	Pass
7	Total hardness	20.2	≤300	mg/L	GBT 5750.4- 2023/8.1	Pass
8	Resolvable total solids	60	≤500	mg/L	GBT 5750.4- 2023/8.1	Pass
9	Volatile Phenol	<0.002	≤0.002	mg/L	GBT 5750.4-	Pass

					2023/8.1	
10	Anion Synthetic Detergent	<0.050	≤0.20	mg/L	GBT 5750.4-2023/8.1	Pass
11	Chloroform	<0.0002	≤0.03	mg/L	GBT 5750.4-2023/8.1	Pass
12	Carbon Tetrachloride	<0.0001	≤0.002	mg/L	GBT 5750.4-2023/8.1	Pass
13	Formaldehyde	<0.05	≤0.9	mg/L	GBT 5750.4-2023/8.1	Pass
14	Permanganate index (calcauted as O ₂)	0.65	≤2.0	mg/L	GBT 5750.4-2023/8.1	Pass
15	Free residual chlorine	<0.01	≤0.01	mg/L	GBT 5750.4-2023/8.1	Pass
16	Ozone	<0.01	≤0.01	mg/L	GBT 5750.4-2023/8.1	Pass
17	Chlorine dioxide	<0.01	≤0.01	mg/L	GBT 5750.4-2023/8.1	Pass
18	Fluoride	<0.05	≤1.0	mg/L	GBT 5750.4-2023/8.1	Pass
19	Chloride	20.8	≤100	mg/L	GBT 5750.4-2023/8.1	Pass
20	Nitrate (Calculated as Nitrogen)	<0.05	≤10	mg/L	GBT 5750.4-2023/8.1	Pass

21	Sulfate	0.08	≤100	mg/L	GBT 5750.4- 2023/8.1	Pass
22	Chlorite	<0.005	≤0.70	mg/L	GBT 5750.4- 2023/8.1	Pass
23	Bromate	<0.005	≤0.01	mg/L	GBT 5750.4- 2023/8.1	Pass
24	Chlorate	<0.005	≤0.70	mg/L	GBT 5750.4- 2023/8.1	Pass
25	Chromium (VI)	<0.005	≤0.05	mg/L	GBT 5750.4- 2023/8.1	Pass
26	Aluminum	<0.005	≤0.20	mg/L	GBT 5750.4- 2023/8.1	Pass
27	Manganese	0.014	≤0.05	mg/L	GBT 5750.4- 2023/8.1	Pass
28	Ferrum	<0.010	≤0.20	mg/L	GBT 5750.4- 2023/8.1	Pass
29	Copper	<0.005	≤1.0	mg/L	GBT 5750.4- 2023/8.1	Pass
30	Zinc	0.030	≤1.0	mg/L	GBT 5750.4- 2023/8.1	Pass
31	Arsenic	<0.001	≤0.01	mg/L	GBT 5750.4- 2023/8.1	Pass
32	Selenium	<0.005	≤0.01	mg/L	GBT 5750.4- 2023/8.1	Pass

33	Cadmium	<0.001	≤0.003	mg/L	GBT 5750.4- 2023/8.1	Pass
34	Mercury (heavy metal)	<0.0002	≤0.001	mg/L	GBT 5750.4- 2023/8.1	Pass
35	Lead	<0.001	≤0.01	mg/L	GBT 5750.4- 2023/8.1	Pass
36	Silver	<0.001	≤0.05	mg/L	GBT 5750.4- 2023/8.1	Pass
37	Total colony count	1.3×10 ⁴	≤50	CFU/mL	GBT 5750.4- 2023/8.1	Pass
38	pH	7.08	6.5~8.5	/	GBT 5750.4- 2023/8.1	Pass