

Water Quality Test Result of Drinking Water Fountain

Building	Location	Sampling Date	Results							
			Cold water					Hot water		
			Turbidity (NTU)	pH value	Traceable metal of Lead (µg/L)	Coliform bacteria (mpn/100ml)	Escherichia coli (mpn/100ml)	Turbidity (NTU)	pH value	Traceable metal of Lead (µg/L)
N22	1021	03/06/2025	0.11	7.45	0.18	0	0	0.08	7.50	0.39
	3020		0.10	7.49	< 0.07	0	0	0.08	7.61	< 0.07
	4015		0.13	7.58	0.21	0	0	0.08	7.63	0.26
	5022		0.10	7.65	< 0.07	0	0	0.08	7.65	0.07
	6016		0.11	7.58	0.10	0	0	0.12	7.74	0.23
	7019		0.12	7.55	0.10	0	0	0.07	7.63	0.15
	8017		0.09	7.53	< 0.07	0	0	0.07	7.69	0.11
	9013		0.14	7.49	0.71	0	0	0.08	7.78	< 0.07
S1	1018	09/06/2025	0.11	7.33	0.12	0	0	0.09	7.37	0.30
	2018		0.08	7.40	0.08	0	0	0.09	7.42	0.09
	3018		0.16	7.32	0.15	0	0	0.07	7.47	0.11
	4018		0.12	7.30	< 0.07	0	0	0.12	7.44	0.16
	5018		0.09	7.34	0.08	0	0	0.11	7.47	< 0.07
	6018		0.10	7.25	< 0.07	0	0	0.06	7.48	0.22
	7018		0.08	7.31	0.63	0	0	0.08	7.48	0.07
	8018		0.08	7.34	0.42	0	0	0.08	7.53	0.42
S2	1001	09/06/2025	0.10	7.28	< 0.07	0	0	0.07	7.50	< 0.07
	2001		0.09	7.27	< 0.07	0	0	0.12	7.50	< 0.07
	3001		0.09	7.25	< 0.07	0	0	0.09	7.44	< 0.07
	4001		0.08	7.26	< 0.07	0	0	0.08	7.40	0.17
	5001		0.13	7.21	< 0.07	0	0	0.08	7.43	0.11
	6001		0.10	7.25	0.09	0	0	0.10	7.42	0.09
	7001		0.11	7.22	0.08	0	0	0.07	7.42	0.21
	8001		0.07	7.26	0.15	0	0	0.09	7.41	0.29
9001	0.09	7.22	0.10	0	0	0.10	7.43	0.14		

Reference standard: Instruções sobre escolha e instalação de dispensadores de água por ligação directa, Environmental Protection Bureau, Government of Macao, S.A.R.

Turbidity: ≤ 0.5 NTU; pH value: 6.00 - 8.50; Traceable metal of Lead: ≤ 0.01 mg/L (10 μ g/L); Coliform bacteria: Not detected; Escherichia coli: Not detected

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S3	C1-1040	16/06/2025	0.10	7.08	0.09	0	0	0.07	7.26	0.19
	C1-2040		0.12	7.06	3.81	0	0	0.10	7.33	< 0.07
	C1-3040		0.12	7.08	0.18	0	0	0.08	7.55	0.16
	C1-4040		0.10	7.14	0.19	0	0	0.08	7.61	0.17
	C1-5040		0.07	7.23	0.22	0	0	0.08	7.55	0.21
	C1-6040		0.10	7.20	0.12	0	0	0.08	7.58	0.25
	C1-7040		0.11	7.16	1.33	0	0	0.07	7.53	0.16
	C1-8040		0.08	7.27	0.75	0	0	0.09	7.52	0.19
	C1-9012		0.09	7.32	0.12	0	0	0.06	7.53	0.08
	C2-1009		0.17	7.19	0.48	0	0	0.08	7.47	0.30
	C2-2009		0.10	7.21	0.12	0	0	0.07	7.57	0.17
	C2-3009		0.11	7.16	0.14	0	0	0.07	7.56	0.15
	C2-4009		0.15	7.18	0.18	0	0	0.14	7.57	0.17
	C2-5009		0.07	7.27	0.30	0	0	0.07	7.58	0.47
	C2-6009		0.09	7.28	0.15	0	0	0.07	7.54	0.42
	C2-7009		0.08	7.23	0.48	0	0	0.09	7.49	1.14
	C2-8009		0.08	7.30	0.11	0	0	0.10	7.58	0.37
	C3-1052		0.09	7.32	0.08	0	0	0.06	7.54	0.14
	C3-2060		0.09	7.32	< 0.07	0	0	0.08	7.50	0.13
	C3-3060		0.10	7.29	0.19	0	0	0.08	7.52	0.25
	C3-4060		0.10	7.23	< 0.07	0	0	0.08	7.53	0.17
	C3-5060		0.10	7.21	0.34	0	0	0.10	7.47	0.16
	C3-6060		0.09	7.29	0.09	0	0	0.07	7.50	0.18
	C3-7060		0.14	7.31	0.24	0	0	0.09	7.56	0.20
	C3-8060		0.21	7.20	0.08	0	0	0.19	7.53	0.16

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Turbidity: ≤ 0.5NTU; pH value: 6.00 - 8.50; Traceable metal of Lead: ≤ 0.01mg/L (10µg/L); Coliform bacteria: Not detected; Escherichia coli: Not detected

Water Quality Test Result of Drinking Water Fountain	
Water Quality	Good
Water Temperature	25°C
Water pH	7.2
Water Hardness	150 mg/L
Water Chlorine	0.5 mg/L
Water Turbidity	0.1 NTU
Water Conductivity	150 µS/cm
Water Total Dissolved Solids (TDS)	150 mg/L
Water Total Suspended Solids (TSS)	0.1 mg/L
Water Nitrate	0.1 mg/L
Water Nitrite	0.01 mg/L
Water Ammonia	0.01 mg/L
Water Copper	0.01 mg/L
Water Lead	0.01 mg/L
Water Cadmium	0.01 mg/L
Water Chromium	0.01 mg/L
Water Manganese	0.01 mg/L
Water Zinc	0.01 mg/L
Water Iron	0.01 mg/L
Water Selenium	0.01 mg/L
Water Fluoride	0.01 mg/L
Water Boron	0.01 mg/L
Water Strontium	0.01 mg/L
Water Barium	0.01 mg/L
Water Silver	0.01 mg/L
Water Mercury	0.01 mg/L
Water Arsenic	0.01 mg/L
Water Vanadium	0.01 mg/L
Water Molybdenum	0.01 mg/L
Water Cobalt	0.01 mg/L
Water Nickel	0.01 mg/L
Water Chromium (VI)	0.01 mg/L
Water Chromium (III)	0.01 mg/L
Water Manganese (IV)	0.01 mg/L
Water Manganese (II)	0.01 mg/L
Water Zinc (II)	0.01 mg/L
Water Iron (II)	0.01 mg/L
Water Iron (III)	0.01 mg/L
Water Selenium (IV)	0.01 mg/L
Water Selenium (VI)	0.01 mg/L
Water Fluoride (I)	0.01 mg/L
Water Fluoride (II)	0.01 mg/L
Water Boron (I)	0.01 mg/L
Water Boron (II)	0.01 mg/L
Water Strontium (II)	0.01 mg/L
Water Barium (II)	0.01 mg/L
Water Silver (I)	0.01 mg/L
Water Silver (II)	0.01 mg/L
Water Mercury (I)	0.01 mg/L
Water Mercury (II)	0.01 mg/L
Water Arsenic (III)	0.01 mg/L
Water Arsenic (V)	0.01 mg/L
Water Vanadium (III)	0.01 mg/L
Water Vanadium (IV)	0.01 mg/L
Water Vanadium (V)	0.01 mg/L
Water Molybdenum (IV)	0.01 mg/L
Water Molybdenum (VI)	0.01 mg/L
Water Cobalt (II)	0.01 mg/L
Water Nickel (II)	0.01 mg/L
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Water Iron (III)	0.01 mg/L
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Water Boron (I)	0.01 mg/L
Water Boron (II)	0.01 mg/L
Water Strontium (II)	0.01 mg/L
Water Barium (II)	0.01 mg/L
Water Silver (I)	0.01 mg/L
Water Silver (II)	0.01 mg/L
Water Mercury (I)	0.01 mg/L
Water Mercury (II)	0.01 mg/L
Water Arsenic (III)	0.01 mg/L
Water Arsenic (V)	0.01 mg/L
Water Vanadium (III)	0.01 mg/L
Water Vanadium (IV)	0.01 mg/L
Water Vanadium (V)	0.01 mg/L
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Water Nickel (II)	0.01 mg/L
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Water Vanadium (III)	0.01 mg/L
Water Vanadium (IV)	0.01 mg/L

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			Turbidity (NTU)	pH value	Traceable metal of Lead (µg/L)	Coliform bacteria (mpn/100ml)	Escherichia coli (mpn/100ml)	Turbidity (NTU)	pH value	Traceable metal of Lead (µg/L)
S4	1001	23/06/2025 & 04/08/2025	0.20	7.23	0.10	0	0	0.13	7.37	0.13
	2001		0.10	7.45	0.09	0	0	0.14	7.38	0.16
	3001		0.37	7.36	0.36	0	0	0.24	7.47	0.38
	4001		0.12	7.33	0.08	0	0	0.09	7.54	0.09
	5001		0.10	7.31	< 0.07	0	0	0.08	7.53	0.11
	6001		0.10	7.32	< 0.07	0	0	0.19	7.62	0.19
	7001		0.11	7.27	0.07	0	0	0.09	7.61	0.76
	8001		0.16	7.28	0.10	0	0	0.11	7.58	0.54
	9001		0.14	7.80	< 0.07	0	0	0.09	7.51	0.68
	10001		0.15	7.28	0.14	0	0	0.08	7.66	0.11
S9	G025	30/06/2025 & 28/07/2025	0.12	7.18	0.90	0	0	0.06	7.77	0.25
	1003		0.08	7.25	0.11	0	0	0.08	7.47	0.11
	1032		0.33	6.69	0.36	0	0	0.06	7.90	< 0.07
	2003		0.20	6.93	0.24	0	0	0.08	8.19	0.09
	2037		0.22	7.09	0.17	0	0	0.06	8.08	0.16
	3003		0.19	7.33	0.17	0	0	0.15	8.19	0.13
	3037		0.41	7.12	0.88	0	0	0.10	7.82	0.36
	4003		0.16	7.31	0.11	0	0	0.10	8.05	0.32
	4037		0.18	7.28	0.23	0	0	0.07	7.97	0.20
	5003		0.19	7.08	0.20	0	0	0.06	8.04	< 0.07
	5037		0.35	7.16	0.90	0	0	0.07	7.88	0.14
	6003		0.22	7.22	0.13	0	0	0.41	7.79	0.29
	6037		0.18	7.23	0.26	0	0	0.07	7.87	0.23
	7003		0.10	7.30	0.76	0	0	0.06	7.86	0.30
	7027		0.15	7.26	0.11	0	0	0.07	7.75	0.10

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