

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)
E11	GL04	03 & 17/02/2025	0.14	6.65	< 0.07	0	0	0.10	7.50	< 0.07
	1L04		0.31	7.12	0.21	0	0	0.09	7.61	< 0.07
	1J02		0.24	7.28	0.16	0	0	0.19	7.55	0.18
	2L04		0.14	7.99	< 0.07	0	0	0.05	7.85	< 0.07
	2L08		0.24	7.24	< 0.07	0	0	0.07	7.58	0.11
	3L04		0.20	7.25	0.52	0	0	0.16	7.45	1.17
	3091		0.18	7.21	0.50	0	0	0.07	7.52	0.09
E12	GL05	03, 10 & 17/02/2025	0.08	7.87	< 0.07	0	0	0.07	8.00	< 0.07
	1058		0.16	7.25	0.35	0	0	0.09	7.46	0.36
	1L01		0.18	7.29	0.08	0	0	0.10	7.47	0.14
	3086		0.07	6.33	4.95	0	0	0.14	7.58	0.78
E21	G004	10/02/2025	0.07	7.91	< 0.07	0	0	0.09	7.94	< 0.07
	G045		0.14	7.81	0.23	0	0	0.06	7.96	0.51
	1005		0.06	7.83	0.19	0	0	0.06	8.01	0.08
	1028		0.08	7.72	0.34	0	0	0.06	7.86	0.31
	1051		0.17	7.78	0.10	0	0	0.06	7.89	0.21
	2009		0.08	7.96	< 0.07	0	0	0.06	7.92	0.16
	3101		0.08	7.68	0.28	0	0	0.05	7.85	0.19
E22	GL05	10/02/2025	0.06	7.92	0.18	0	0	0.05	7.93	0.10
	1L05		0.06	7.93	0.15	0	0	0.06	8.00	0.30
	2L05		0.08	7.88	0.10	0	0	0.06	7.94	0.20
	3L05		0.08	7.83	0.40	0	0	0.12	7.98	0.18
	4L05		0.07	7.83	0.23	0	0	0.06	7.99	0.16

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

Water Quality Test Result of Drinking Water Fountain	
Water Quality	Good
Water Source	Drinking Water Fountain
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	10 mg/L
Water Nitrite	0.1 mg/L
Water Ammonia	0.1 mg/L
Water Copper	0.1 mg/L
Water Lead	0.1 mg/L
Water Cadmium	0.1 mg/L
Water Chromium	0.1 mg/L
Water Manganese	0.1 mg/L
Water Zinc	0.1 mg/L
Water Iron	0.1 mg/L
Water Selenium	0.1 mg/L
Water Fluoride	0.1 mg/L
Water Boron	0.1 mg/L
Water Strontium	0.1 mg/L
Water Barium	0.1 mg/L
Water Silver	0.1 mg/L
Water Mercury	0.1 mg/L
Water Arsenic	0.1 mg/L
Water Vanadium	0.1 mg/L
Water Molybdenum	0.1 mg/L
Water Cobalt	0.1 mg/L
Water Nickel	0.1 mg/L
Water Chromium (VI)	0.1 mg/L
Water Chromium (III)	0.1 mg/L
Water Manganese (IV)	0.1 mg/L
Water Manganese (II)	0.1 mg/L
Water Zinc (II)	0.1 mg/L
Water Iron (II)	0.1 mg/L
Water Iron (III)	0.1 mg/L
Water Selenium (IV)	0.1 mg/L
Water Selenium (VI)	0.1 mg/L
Water Fluoride (I)	0.1 mg/L
Water Fluoride (II)	0.1 mg/L
Water Boron (I)	0.1 mg/L
Water Boron (II)	0.1 mg/L
Water Strontium (II)	0.1 mg/L
Water Barium (II)	0.1 mg/L
Water Silver (I)	0.1 mg/L
Water Silver (II)	0.1 mg/L
Water Mercury (I)	0.1 mg/L
Water Mercury (II)	0.1 mg/L
Water Arsenic (III)	0.1 mg/L
Water Arsenic (V)	0.1 mg/L
Water Vanadium (III)	0.1 mg/L
Water Vanadium (IV)	0.1 mg/L
Water Molybdenum (IV)	0.1 mg/L
Water Molybdenum (VI)	0.1 mg/L
Water Cobalt (II)	0.1 mg/L
Water Nickel (II)	0.1 mg/L
Water Chromium (VI)	0.1 mg/L
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Water Mercury (I)	0.1 mg/L
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Water Manganese (IV	

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)
E31	GL03	17 & 24/02/2025	0.07	7.80	0.10	0	0	0.06	7.90	0.18
	1015		0.07	7.46	0.07	0	0	0.07	8.00	0.43
E32	G014	17/02/2025	0.06	7.57	< 0.07	0	0	0.09	7.91	0.14
	1L03		0.08	7.50	0.14	0	0	0.05	7.79	0.13
E33	G007	17/02/2025	0.06	7.54	0.13	0	0	0.05	7.83	0.24
	1032		0.10	7.55	0.13	0	0	0.06	7.81	0.09
	2038		0.09	7.54	0.26	0	0	0.06	7.73	0.26
	3039		0.11	7.75	0.27	0	0	0.06	7.80	0.20
E34	G003	17/02/2025	0.10	7.67	0.10	0	0	0.08	7.84	0.15
	1010		0.18	7.43	0.94	0	0	0.05	7.93	0.15
	2029		0.12	7.68	0.97	0	0	0.05	7.83	0.32
	3012		0.06	7.71	0.17	0	0	0.08	7.82	0.31
W13	G036	24/02/2025	0.09	7.75	0.30	0	0	0.08	7.78	0.18
	1019		0.08	7.62	0.10	0	0	0.09	7.79	0.23
	1038		0.09	7.69	0.09	0	0	0.08	7.76	< 0.07
	2023		0.08	8.04	0.11	0	0	0.07	7.77	< 0.07
	2041		0.08	7.89	0.29	0	0	0.07	7.75	0.11
	3023		0.06	7.88	< 0.07	0	0	0.07	7.77	0.09
	3041		0.09	7.84	0.12	0	0	0.10	7.78	0.09
	4023		0.17	7.91	0.08	0	0	0.11	7.80	0.08
	4041		0.09	7.91	0.11	0	0	0.07	7.79	0.09
	5023		0.10	7.77	0.09	0	0	0.08	7.71	0.08
	5036		0.10	7.77	< 0.07	0	0	0.13	7.69	0.08
	6019		0.07	7.78	0.16	0	0	0.08	7.74	0.13
	6032		0.06	7.83	0.08	0	0	0.06	7.76	0.12
	7003		0.07	7.71	0.14	0	0	0.06	7.73	0.15

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