

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)
W11	G036	21/07/2025 & 04/08/2025	0.08	7.80	< 0.07	0	0	0.08	8.17	< 0.07
	1019		0.09	7.57	< 0.07	0	0	0.07	8.14	< 0.07
	1038		0.13	7.87	0.01	0	0	0.07	8.12	< 0.07
	2022		0.09	7.89	< 0.07	0	0	0.06	8.07	< 0.07
	2041		0.10	7.78	< 0.07	0	0	0.07	8.02	< 0.07
	3022		0.09	7.93	< 0.07	0	0	0.06	8.15	0.15
	3041		0.08	7.88	< 0.07	0	0	0.09	8.03	< 0.07
	4022		0.06	7.92	< 0.07	0	0	0.07	8.04	< 0.07
	4041		0.07	7.88	< 0.07	0	0	0.08	7.94	< 0.07
	5022		0.09	7.91	< 0.07	0	0	0.08	8.06	< 0.07
	5036		0.06	7.89	< 0.07	0	0	0.06	7.95	< 0.07
	6018		0.07	7.89	< 0.07	0	0	0.08	8.03	< 0.07
	6032		0.16	7.47	< 0.07	0	0	0.10	7.80	< 0.07
	7003		0.07	7.55	< 0.07	0	0	0.07	7.82	< 0.07
	7040		0.17	7.81	< 0.07	0	0	0.25	8.42	< 0.07
	8022		0.15	8.46	< 0.07	0	0	0.16	8.43	< 0.07
	8036		0.20	8.41	< 0.07	0	0	0.18	7.96	< 0.07
	9003		0.21	8.38	< 0.07	0	0	0.22	7.95	< 0.07
W12	G037	28/07/2025, 11, 18 & 25/08/2025, 01/09/2025	0.16	7.49	< 0.07	0	0	0.20	7.76	< 0.07
	1019		0.10	7.60	< 0.07	0	0	0.12	7.54	< 0.07
	1038		0.17	7.46	< 0.07	0	0	0.24	7.91	< 0.07
	2022		0.27	7.53	< 0.07	0	0	0.24	7.74	< 0.07
	2041		0.16	7.43	< 0.07	0	0	0.18	7.51	< 0.07
	3022		0.14	7.55	0.12	0	0	0.07	7.70	0.12
	3041		0.22	7.31	< 0.07	0	0	0.14	7.57	< 0.07
	4022		0.21	7.59	< 0.07	0	0	0.21	7.78	< 0.07
	4041		0.46	7.31	0.10	0	0	0.15	7.58	0.11
	5022		0.20	7.78	< 0.07	0	0	0.38	7.79	< 0.07
	5036		0.24	7.49	0.07	0	0	0.29	7.46	0.13
	6018		0.11	7.88	< 0.07	0	0	0.34	7.78	< 0.07
	6032		0.43	7.60	< 0.07	0	0	0.16	7.86	< 0.07
	7003		0.25	7.55	< 0.07	0	0	0.10	7.86	< 0.07
	7040		0.46	7.89	< 0.07	0	0	0.22	7.53	< 0.07
	8022		0.22	8.12	< 0.07	0	0	0.23	7.89	< 0.07
	8036		0.43	8.20	< 0.07	0	0	0.09	8.17	< 0.07
	9003		0.36	8.22	< 0.07	0	0	0.20	8.18	< 0.07

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

Turbidity: ≤ 0.5NTU; 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 Swimming Pool

Building	N8
Location	Swimming pool
Sampling Date	08/07/2025
pH Value	7.51
Turbidity (NTU)	0.38
Free Residual Chlorine (mg/L)	1.33
Ozone (mg/L)	<0.01
Total Bacteria Count (cfu/ml)	<1
<i>E. coli</i> (mpn/100ml)	<1

Reference standard: Hygiene Guidelines for Artificial Swimming Venues, Health Bureau, Government of Macao, S.A.R.

pH Value: 7.2-7.8; Turbidity, NTU: ≤ 1 ;

Free Residual Chlorine, mg/L Cl_2 : 1.0-3.0; Ozone, mg/L O_3 : <0.1;

Total Bacteria Count, /ml: <200; E. coli, /100ml: <1

Water Quality Test Result of Artificial Lake							
Test No.	1	2	3	4	5	6	7
	Date						
	Location						
	Time						
	Weather						
	Observer						
	Remarks						

Location	Sampling Date	Results								
		Chemical Oxygen	Ammonia	Total Phosphorus	Total Nitrogen	Dissolved Oxygen	pH Value	Total Coliform	Escherichia coli	Fecal Coliform
		Demand (mg/L)	Nitrogen (mg/L)	(mg/L)	(mg/L)	(mg/L)		(mpn/100mL)	(mpn/100mL)	(mpn/100mL)
1. 靜止湖水	07/07/2025	4	0.08	0.09	0.9	8.57	8.15	686.7	21.3	45.7
2. 湖中心		9	0.04	< 0.02	0.7	7.47	8.45	387.3	2.0	16.1
3. 死角位置		4	0.04	< 0.02	0.9	8.38	8.22	920.8	9.7	16.0
4. 親水護岸區		4	0.05	< 0.02	0.7	7.33	8.17	155.3	< 1.0	2.0
5. 死角位置		5	0.04	1.66	0.8	7.32	8.15	1413.6	< 1.0	7.3
6. 湖中心		5	0.03	< 0.02	0.9	7.25	8.19	920.8	3.1	11.0
7. 死角位置		< 3	0.04	< 0.02	0.3	7.58	8.38	372.4	4.1	7.2
8. 排洪閘		7	0.05	0.04	0.3	7.56	8.87	3880.0	4.1	46.5
9. 雨水排入處		5	0.04	< 0.02	1.2	7.53	8.16	1968.3	4.1	25.3
10. 雨水排入處		8	0.06	0.18	0.8	8.30	8.15	2260.0	2.0	25.9
11. 雨水排入處		5	0.08	< 0.02	2.3	7.11	8.51	1730.0	2.0	26.5
12. 雨水排入處		9	0.09	0.07	0.6	7.17	8.42	2430.0	3.0	17.3
13. 不流通點		7	0.05	< 0.02	0.6	7.17	8.21	3590.0	4.1	34.5
14. 不流通點		6	0.09	< 0.02	1.9	7.24	6.73	3450.0	10.9	49.6
15. 水處理泵房		4	0.02	< 0.02	0.2	7.02	8.36	49.6	< 1.0	2.0
平均值		6	0.05	0.15	0.9	7.53	8.21	N/A	N/A	N/A

Reference standard: National Standard of the PRC, State Environmental Protection Administration (2002), Environmental quality standards for surface water (GB 3838-2002).

Chemical Oxygen Demand: $\leq 40\text{mg/L}$; Ammonia Nitrogen: $\leq 2.0\text{mg/L}$; Total Phosphorus: $\leq 0.2\text{mg/L}$; Total Nitrogen: $\leq 2.0\text{mg/L}$; Dissolved Oxygen: $\geq 2\text{mg/L}$; pH Value: 6-9; Fecal Coliform: ≤ 40000 count/L;

Total Coliform and *Escherichia coli*: no quality standard, values are for reference only

