

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	Escherichia coli (mpn/100ml)	Turbidity (NTU)	pH value	Traceable metal of Lead (µg/L)
E2	G003	12/01/2026 & 09 & 23/02/2026	0.14	8.10	< 0.07	0	0	0.11	8.42	< 0.07
	G029		0.29	8.19	< 0.07	0	0	0.18	8.45	< 0.07
	1004		0.13	8.32	< 0.07	0	0	0.11	8.03	< 0.07
	1J05		0.14	8.39	< 0.07	0	0	0.16	8.09	< 0.07
	2004		0.23	8.32	< 0.07	0	0	0.11	8.18	< 0.07
	2045		0.24	8.14	< 0.07	0	0	0.10	8.06	< 0.07
	3005		0.13	8.39	< 0.07	0	0	0.12	8.49	< 0.07
	3033		0.12	8.30	< 0.07	0	0	0.11	8.27	< 0.07
	4005		0.25	8.38	< 0.07	0	0	0.10	8.17	< 0.07
4033	0.09	8.48	< 0.07	0	0	0.09	8.24	< 0.07		
E3	GL07	19/01/2026	0.14	8.16	< 0.07	0	0	0.08	8.25	0.38
	1L07		0.12	8.25	< 0.07	0	0	0.16	8.31	0.36
	2L07		0.14	8.38	0.40	0	0	0.12	8.28	0.43
	3L07		0.16	8.27	< 0.07	0	0	0.13	8.25	0.31
	4L05		0.14	8.26	< 0.07	0	0	0.13	8.35	0.25
E4	GL09	19/01/2026	0.09	8.48	0.25	0	0	0.13	8.42	0.35
	1L09		0.09	8.43	0.37	0	0	0.13	8.36	0.41
	3L10		0.18	8.23	0.43	0	0	0.15	8.21	< 0.07
E5	GL12	19/01/2026 & 09 & 23/02/2026	0.11	8.15	0.36	0	0	0.10	7.94	< 0.07
	1L11		0.29	8.09	0.38	0	0	0.26	8.01	< 0.07
E6	GL15	19/01/2026 & 09 & 23/02/2026	0.13	8.43	0.38	0	0	0.14	7.98	< 0.07
	GL18		0.07	8.38	0.43	0	0	0.08	8.49	< 0.07
	1L18		0.09	8.42	0.28	0	0	0.10	8.18	< 0.07
	2L18		0.43	8.48	< 0.07	0	0	0.18	8.48	< 0.07
	3L15		0.17	8.49	0.46	0	0	0.13	8.40	< 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

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Building	Location	Sampling Date	Results							
			Cold water				Hot water			
			Turbidity (NTU)	pH value	Traceable metal of Lead ($\mu\text{g/L}$)	Coliform bacteria	<i>Escherichia coli</i> (mpn/100ml)	Turbidity (NTU)	pH value	Traceable metal of Lead ($\mu\text{g/L}$)
E11	GL04	26/01/2026	0.14	7.65	< 0.07	0	0	0.23	7.82	< 0.07
	1L04		0.09	7.69	< 0.07	0	0	0.20	8.02	< 0.07
	1J02		0.10	7.82	< 0.07	0	0	0.13	8.08	< 0.07
	2L04		0.10	7.83	< 0.07	0	0	0.13	8.14	< 0.07
	2L08		0.13	7.87	< 0.07	0	0	0.24	8.10	< 0.07
	3L04		0.10	7.78	< 0.07	0	0	0.11	8.14	< 0.07
	3091		0.12	7.98	< 0.07	0	0	0.28	7.97	< 0.07
E12	GL05	26/01/2026	0.12	8.10	< 0.07	0	0	0.22	8.14	< 0.07
	1058		0.12	8.13	< 0.07	0	0	0.09	8.11	0.11
	1L01		0.18	8.04	< 0.07	0	0	0.13	7.88	< 0.07
	3086		0.16	7.76	0.17	0	0	0.14	8.12	0.22

Reference standard: Instruções sobre escolha e instalação de dispensadores de água por ligação directa, Environmental Protection Bureau, Government of Macao, S.A.R.
 Turbidity: $\leq 0.5\text{NTU}$; pH value: 6.00 - 8.50; Traceable metal of Lead: $\leq 0.01\text{mg/L}$ ($10\mu\text{g/L}$); Coliform bacteria: Not detected; *Escherichia coli*: Not detected

Water Quality Test Result of Swimming Pool

Building	N8
Location	Swimming pool
Sampling Date	13/01/2026
pH Value	8.07
Turbidity (NTU)	0.16
Free Residual Chlorine (mg/L)	2.20
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

Location	Sampling Date	Results						
		Chemical Oxygen Demand (mg/L)	Ammonia Nitrogen (mg/L)	Total Phosphorus (mg/L)	Total Nitrogen (mg/L)	Dissolved Oxygen (mg/L)	pH Value	Fecal Coliform (mpn/100mL)
1. 靜止湖水	05/01/2026	14	0.09	0.03	--	8.43	8.65	75.4
2. 湖中心		15	0.03	< 0.02	--	8.22	8.35	7.4
3. 死角位置		20	0.04	0.04	--	8.16	8.32	8.5
4. 親水護岸區		17	0.05	0.07	--	8.32	8.31	4.1
5. 死角位置		16	0.04	0.10	--	8.01	8.32	1.0
6. 湖中心		15	0.04	0.02	--	8.21	8.25	1.0
7. 死角位置		20	0.07	0.05	--	7.31	8.26	25.6
8. 排洪閘		17	0.04	0.03	--	7.51	8.27	25.9
9. 雨水排入處		17	0.08	0.03	--	7.36	8.28	45.0
10. 雨水排入處		11	0.09	0.07	--	7.39	8.35	53.7
11. 雨水排入處		< 3	0.07	< 0.02	--	7.17	8.31	55.7
12. 雨水排入處		9	0.02	0.09	--	7.08	8.33	< 1.0
13. 不流通點		10	< 0.02	0.09	--	7.06	8.23	< 1.0
14. 不流通點		15	0.02	0.04	--	7.54	8.37	< 1.0
15. 水處理泵房		12	0.02	< 0.02	--	8.06	8.31	98.8
平均值		15	0.05	0.15	--	7.72	8.33	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: $\leq 40000\text{ count/L}$;

Testing Organization suspended to provide the test results of Total Phosphorus and Total Nitrogen once

