

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)
S3	C1-1040	01/07/2024	0.19	7.49	0.14	0	0	0.12	7.62	0.28
	C1-2040		0.24	7.24	0.19	0	0	0.11	7.47	0.52
	C1-3040		0.20	7.34	< 0.07	0	0	0.16	7.50	0.21
	C1-4040		0.23	7.38	< 0.07	0	0	0.11	7.54	0.16
	C1-5040		0.21	7.10	< 0.07	0	0	0.18	7.32	0.26
	C1-6040		0.17	7.26	0.09	0	0	0.12	7.46	0.18
	C1-7040		0.13	7.44	0.18	0	0	0.10	7.69	0.34
	C1-8040		0.16	7.51	< 0.07	0	0	0.09	7.64	< 0.07
	C1-9012		0.24	7.42	< 0.07	0	0	0.09	7.49	0.18
	C2-1009		0.21	7.35	0.11	0	0	0.12	7.58	0.24
	C2-2009		0.14	7.45	0.14	0	0	0.09	7.63	0.11
	C2-3009		0.32	7.36	0.31	0	0	0.22	7.69	0.13
	C2-4009		0.20	7.31	0.10	0	0	0.16	7.58	0.17
	C2-5009		0.13	7.32	0.07	0	0	0.10	7.60	0.39
	C2-6009		0.14	7.45	< 0.07	0	0	0.17	7.65	0.26
	C2-7009		0.17	7.42	< 0.07	0	0	0.16	7.64	0.17
	C2-8009		0.13	7.48	0.07	0	0	0.10	7.63	0.17
	C3-1052		0.18	7.40	< 0.07	0	0	0.09	7.67	0.10
	C3-2060		0.11	7.32	< 0.07	0	0	0.09	7.65	< 0.07
	C3-3060		0.15	7.41	0.20	0	0	0.11	7.64	0.33
C3-4060	0.11	7.40	< 0.07	0	0	0.09	7.68	0.07		
C3-5060	0.27	7.19	0.19	0	0	0.12	7.22	0.28		
C3-6060	0.16	7.29	0.14	0	0	0.12	7.51	0.15		
C3-7060	0.16	7.40	0.37	0	0	0.15	7.60	0.57		
C3-8060	0.26	7.40	< 0.07	0	0	0.13	7.69	0.23		
N1	1023	15/07/2024	0.09	7.35	0.11	0	0	0.08	7.45	< 0.07
N8	GL01	15/07/2024	0.13	7.66	< 0.07	0	0	0.10	7.62	0.21
	GL11		0.14	7.56	0.09	0	0	0.09	7.71	0.15
	G015		0.11	7.47	0.13	0	0	0.10	7.63	0.21
	1L01		0.12	7.61	< 0.07	0	0	0.21	7.67	0.35
	3006		0.14	7.52	0.13	0	0	0.11	7.61	0.16
	3L02		0.11	7.58	< 0.07	0	0	0.09	7.68	0.16
	4L02		0.23	7.41	0.10	0	0	0.10	7.72	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: ≤ 0.5NTU; 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 Edible Ice

Location	Sampling Date	Results		
		Aerobic colony count (cfu/ml)	Coliform bacteria (mpn/100ml)	<i>Escherichia coli</i> (mpn/100ml)
Élysée (N1) (Loose ice)	08/07/2024	19	0	0
Azucar (N21) (Loose ice)		5	0	0
Circle K (N22) (Loose ice)		81	1	0
Café Rose Garden (E2) (Loose ice)		570	0	0
Next Kitchen (E6) (Loose ice)		150	20.7	0
7-Eleven (E6) (Packaged ice)		26	0	0

Reference standard: Microbiological Guidelines for Ready-to-eat Food, Department of Food Safety, Municipal Affairs Bureau, Government of Macao S.A.R.

Packaged ice: Aerobic colony count: <500 cfu/ml; Coliform bacteria: Not detected in 100ml; Escherichia coli: Not detected in 100ml

Loose ice: Aerobic colony count: <1,000 cfu/ml; Coliform bacteria: <100 cfu/100ml; Escherichia coli: Not detected in 100ml

Water Quality Test Result of Swimming Pool

Building	N8
Location	Swimming pool
Sampling Date	02/07/2024
pH Value	8.15
Turbidity (NTU)	0.20
Ammonia Nitrogen (mg/L)	0.02
Free Chlorine (mg/L)	0.80
Ozone (mg/L)	< 0.01
Total count of Bacteria (cfu/ml)	<1
Total Coliform (mpn/100ml)	<1
<i>Escherichia coli</i> (mpn/100ml)	<1

Reference standard: Health Bureau guideline

pH Value: 6.5-8.5; Turbidity: ≤ 1 NTU; Ammonia Nitrogen: <0.5 mg/L NH_4 ;

Free Chlorine: 0.5-2.0 mg/L Cl_2 ; Ozone: <0.1 mg/L O_3 ;

*Total count of Bacteria: <200 /ml; Total Coliform: <20 /100ml; *Escherichia coli*: <1 /100ml*

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	Total Coliform (mpn/100mL)	Escherichia coli (mpn/100mL)	Fecal Coliform (mpn/100mL)
		1. 靜止湖水	7	0.03	--	--	5.57	8.45	791.5	50.4
2. 湖中心	5	0.03	--	--	5.47	8.45	4960.0	4.1	12.2	
3. 死角位置	7	0.05	--	--	5.38	8.02	3230.0	4.1	9.7	
4. 親水護岸區	3	0.10	--	--	5.33	8.17	2180.0	7.5	18.5	
5. 死角位置	4	0.10	--	--	5.32	8.15	3050.0	< 1.0	13.5	
6. 湖中心	6	0.04	--	--	5.25	8.15	1986.3	1.0	15.6	
7. 死角位置	14	0.05	--	--	5.58	7.98	3320.0	21.6	47.1	
8. 排洪閘	13	0.20	--	--	5.56	7.87	5040.0	22.8	107.6	
9. 雨水排入處	2	0.10	--	--	5.53	8.16	2750.0	11.0	31.8	
10. 雨水排入處	5	0.10	--	--	6.30	8.15	2419.6	3.1	11.6	
11. 雨水排入處	6	0.05	--	--	6.11	7.71	1986.3	8.6	6.2	
12. 雨水排入處	3	0.04	--	--	6.17	7.72	2230.0	3.1	8.4	
13. 不流通點	3	0.10	--	--	6.17	8.21	6020.0	11.0	15.5	
14. 不流通點	3	0.04	--	--	6.24	7.73	2419.6	159.7	235.9	
15. 水處理泵房	8	0.02	--	--	6.02	8.06	32.7	< 1.0	< 1.0	
平均值	6	0.07	--	--	5.73	8.07	N/A	N/A	N/A	

Reference standard: Environmental quality standards for surface water

Chemical Oxygen Demand: ≤ 40mg/L; Ammonia Nitrogen: ≤ 2.0mg/L; Total Phosphorus: ≤ 0.2mg/L; Total Nitrogen: ≤ 2.0mg/L; Dissolved Oxygen: ≥ 2mg/L; pH Value: 6-9; Fecal Coliform: ≤ 40000 count/L;

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

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

