

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3006
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3006
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0351
Sample Description	Water	Sampling Date / Time	10/10/2024 / 12.15 pm
Sampling Point	Tower A P3 ETS Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	8.6°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	68
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC

Prabakaran Ganesan M.Phil., Ph.D.

Laboratory Manager

Results relate only to the item tested.

This report shall not be produced in full, without the written approval of the laboratory.



-End of Report-

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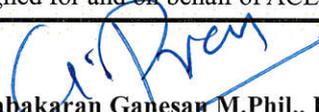
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3007
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3007
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0351
Sample Description	Water	Sampling Date / Time	10/10/2024 / 12.20 pm
Sampling Point	Tower A Lift Machine Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	9°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	73
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3023
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3023
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0351
Sample Description	Water	Sampling Date / Time	10/10/2024 / 2.30 pm
Sampling Point	Tower B P3 ETS Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	10°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	<1*
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only. *Estimated CFU/ml			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
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Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3024
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3024
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0351
Sample Description	Water	Sampling Date / Time	10/10/2024 / 2.40 pm
Sampling Point	Tower B Life Machine Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	9.3°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	41
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
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Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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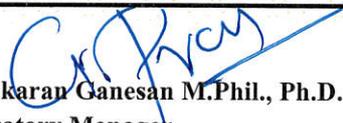
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3025
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3025
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 2.50 pm
Sampling Point	Tower C P3 ETS Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	8°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	54
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
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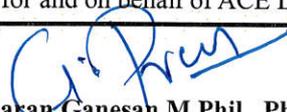
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3026
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3026
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.00 pm
Sampling Point	Tower C Lift Machine Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	10.8°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	70
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3029
Attention Person	Mr. Jasmán Pinto	Sample No	ACE-24-S-3029
Address & Location	PO Box 13 1463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.25 pm
Sampling Point	Tower D P3 ETS Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1x 500ml PB	Sample Onsite Temperature °C	10°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

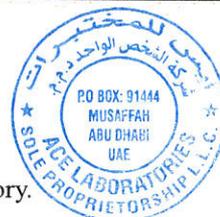
PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	78
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

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R-W-O1 Issue: 1; 05-11-2023 Rev:00

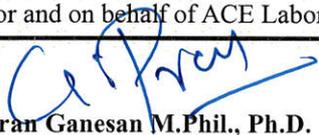
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3030
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3030
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.30 pm
Sampling Point	Tower D Lift Machine Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	7.9°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	95
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

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Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3031
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3031
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.35 pm
Sampling Point	Tower E P3 ETS Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1 × 500ml PB	Sample Onsite Temperature °C	8.4°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	74
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
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Laboratory Manager

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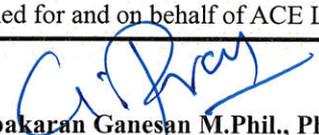
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3032
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3032
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	15/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.40 pm
Sampling Point	Tower E Lift Machine Room Chilled Water	Sample Received Date / Time/ Temp °C	10/10/2024 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10-12/10/2024
Source of Sample	Valve	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	4°C	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	8°C
Client Reference	Not Applicable	Sample Appearance	Clear

MICROBIOLOGICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
Heterotrophic Plate Count	APHA 9215B (24 th Edition) 2023	CFU/ml	10000	65
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	-	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	-	Zero
Remarks	The sample meets DM water systems quality 2022 specifications for cooling water system (DM-HSD-GU44-LCWS2: 2022) with respect to the above tests only.			
Test Method Variation	None			
Keywords	Colony Forming Unit, APHA: American Public Health Association, DM: Dubai Municipality, HSD: Health and Safety Department, LCWS: Legionella Control in Water System, NP: Not provided			
Test Performed By (Emp ID)			07	
Report Prepared By (Emp ID)			08	
The above test results are only applicable to the sample(s) referred above.				

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Laboratory Manager

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3043
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3043
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0351
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/12.15 pm
Sampling Point	Tower A P3 ETS Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	8.6°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.41
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	μS/cm	Max 3000	1325
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	859
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	650
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.09
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3043
Report No : ACE-24-R-3043

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3044
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3044
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0351
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/12.20 pm
Sampling Point	Tower A Lift Machine Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	9°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.39
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1344
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	872
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	630
Iron as Fe ^{2+*}	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.08
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3044
Report No : ACE-24-R-3044

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

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TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3060
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3060
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0351
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/2.30 pm
Sampling Point	Tower B P3 ETS Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	10°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.33
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1382
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	895
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	640
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.11
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3060

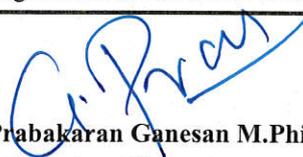
Report No : ACE-24-R-3060

Date Received : 10.10.2024

Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
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Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.

Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3061
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3061
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0351
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/2.40 pm
Sampling Point	Tower B Lift Machine Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	9.3°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.19
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1385
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	902
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	740
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.12
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3061
Report No : ACE-24-R-3061

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3062
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3062
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/2.50 pm
Sampling Point	Tower C P3 ETS Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	8°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.26
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1387
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	905
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	650
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.10
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3062

Date Received : 10.10.2024

Report No : ACE-24-R-3062

Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3063
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3063
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/3.00 pm
Sampling Point	Tower C Lift Machine Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	10.8°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.22
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1394
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	910
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	680
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.09
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3063
Report No : ACE-24-R-3063

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3064
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3064
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/3.25 pm
Sampling Point	Tower D P3 ETS Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	10°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.42
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1443
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	940
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	645
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.10
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3064
Report No : ACE-24-R-3064

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3065
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3065
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/3.30 pm
Sampling Point	Tower D Lift Machine Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	7.9°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

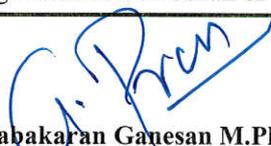
PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.39
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	μS/cm	Max 3000	1449
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	943
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	630
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.11
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3065
Report No : ACE-24-R-3065

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
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Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3066
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3066
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/3.35 pm
Sampling Point	Tower E P3 ETS Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	8.4°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.42
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1446
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	942
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	655
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.09
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3066
Report No : ACE-24-R-3066

Date Received : 10.10.2024
Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC



Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

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-End of Report-

R-W-O1 Issue: 1; 05-11-2023 Rev:00

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3067
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3067
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	12.10.2024
		Sample Certificate No	0352
Sample Description	Chilled Water	Sampling Date / Time	10.10.2024/3.40 pm
Sampling Point	Tower E Lift Machine Room	Sample Received Date / Time/ Temp °C	10.10.2024/ 5.40 pm/ 4 °C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	11.10.2024
Source of Sample	Valve	Sampling Method	ACE-CH-SOP-39
Onsite Treatment/Preservation of Sample	NA	Sample Collected By	Ace Rep
Sample Container	1×500 ml PB	Sample Onsite Temperature °C	8°C
Client Reference	NA	Sample Appearance	Clear

CHEMICAL ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
pH @ 25°C	APHA 4500-H ⁺ B, (24 th Edition)2023	-	Min 8.5-Max 10.5	10.43
Conductivity @ 25°C	APHA 2510 B, (24 th Edition)2023	µS/cm	Max 3000	1449
Total Dissolved Solids dried at 180°C*	APHA 2540 C, (24 th Edition)2023	mg/L	Max 2000	945
Nitrite as NaNO ₂	HACH Method 8153, 01/2014 (Edition 9)	mg/L	Min 600-Max 1100	660
Iron as Fe ²⁺ *	HACH Method 8146, 08/2019 (Edition 11)	mg/L	Max 2	0.09
Remarks	The sample meets contractual specifications with respect to the above tests only. *Non-Accredited Parameters			
Test Method Variation	None			

Sample No: ACE-24-S-3067

Report No : ACE-24-R-3067

Date Received : 10.10.2024

Date Reported : 12.10.2024

Keywords	pH: Potential Hydrogen, APHA: American Public Health Association, NA: Not Applicable, NP: Not Provided
Test Performed By (Emp ID)	04
Report Prepared By (Emp ID)	04
The above test results are only applicable to the sample(s) referred above.	

Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


Prabakaran Ganesan M.Phil., Ph.D.
Laboratory Manager

Results relate only to the item tested.

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-End of Report-

R-W-01 Issue: 1; 05-11-2023 Rev:00