

TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3027
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3027
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/ 3.10 pm
Sampling Point	P3 Pump Room Irrigation Water Tank	Sample Received Date / Time/ Temp °C	10/10/2024/ 5.40 pm/4°C
Sample Location	Rihan Heights-Abu Dhabi	Date(s) Tested	10/10/2024
Source of Sample	Tank	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	NP	Sample Collected By	ACE Rep
Sample Container	1 × 500ml PB	Sample Onsite Temperature °C	39°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	-	97
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	23	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	23	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	24	Zero
Remarks	The sample meets Department of Energy Recycled Water and Biosolids Regulations 2021 (3rd Edition/ DoE/PD/R01/004) January 2021 with respect to the above tests only.			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DoE: Department of Energy, 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.				

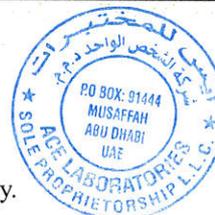
Signed for and on behalf of ACE Laboratories Sole proprietorship LLC


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-

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

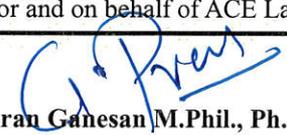
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3028
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3028
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/ 3.20 pm
Sampling Point	Irrigation Water Outlet Near Swimming Pool	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	Sprinkler Point	Sampling Method	ACE-MB-SOP-11
Onsite Treatment/Preservation of Sample	NP	Sample Collected By	ACE Rep
Sample Container	1× 500ml PB	Sample Onsite Temperature °C	28°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	-	196
Total Coliform	APHA 9222B (24 th Edition) 2023	CFU/100ml	-	Zero
Faecal Coliform	APHA 9222D (24 th Edition) 2023	CFU/100ml	23	Zero
<i>Escherichia coli</i>	APHA 9222I (24 th Edition) 2023	CFU/100ml	23	Zero
<i>Pseudomonas aeruginosa</i>	ISO: 16266/2006	CFU/100ml	-	Zero
<i>Enterococci</i>	BS EN/ISO: 7899-2:2000	CFU/100ml	24	Zero
Remarks	The sample meets Department of Energy Recycled Water and Biosolids Regulations 2021 (3rd Edition/ DoE/PD/R01/004) January 2021 with respect to the above tests only.			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DoE: Department of Energy, 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-

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-3093
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3093
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	22/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.10 pm
Sampling Point	P3 Pump Room Irrigation Water Tank	Sample Received Date / Time/ Temp °C	10/10/2024 / 5.40 pm/ 24°C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	10-20/10/2024
Source of Sample	Tank	Sampling Method	ACE-MB-SOP-12
Onsite Treatment/Preservation of Sample	24°C	Sample Collected By	ACE Rep
Sample Container	1 × 1 L PB	Sample Onsite Temperature °C	39°C
Client Reference	Not Applicable	Sample Appearance	Clear

LEGIONELLA ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix B; Procedure 8,9&10)	CFU/Litre	100 CFU/ml (in circulating water)	<100
IDENTIFICATION				
Legionella Species	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 1	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 2 - 15	ISO 11731:2017 E	-	-	Absent
Remarks	The sample meets Department of Energy Recycled Water and Biosolids Regulations 2021 (3 rd Edition/ DoE/PD/R01/004) January 2021 with respect to the above tests only.			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DoE: Department of Energy, NA: Not provided: Culture Media Used: GVPC Agar			
Test Performed By (Emp ID)			02	
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-

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

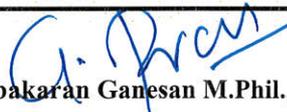
TEST REPORT

Client Name	Crystalline Cleaning and Environmental Services, Sole Proprietorship LLC	Report No	ACE-24-R-3094
Attention Person	Mr. Jasman Pinto	Sample No	ACE-24-S-3094
Address & Location	PO Box 131463, Abu Dhabi, United Arab Emirates	Date Reported	22/10/2024
		Sample Certificate No	0352
Sample Description	Water	Sampling Date / Time	10/10/2024 / 3.20 pm
Sampling Point	Irrigation Water Outlet Near Swimming Pool	Sample Received Date / Time/ Temp °C	10/10/2024 / 5.40 pm/ 24°C
Sample Location	Rihan Heights, Abu Dhabi	Date(s) Tested	10-20/10/2024
Source of Sample	Spinkler Point	Sampling Method	ACE-MB-SOP-12
Onsite Treatment/Preservation of Sample	24°C	Sample Collected By	ACE Rep
Sample Container	1 × 1 L PB	Sample Onsite Temperature °C	28°C
Client Reference	Not Applicable	Sample Appearance	Clear

LEGIONELLA ANALYSIS OF WATER

PARAMETERS	METHODS	UNITS	LIMITS	RESULTS
LEGIONELLA ANALYSIS				
Legionella	ISO 11731:2017 E (Matrix B; Procedure 8,9&10)	CFU/Litre	100 CFU/ml (in circulating water)	<100
IDENTIFICATION				
Legionella Species	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 1	ISO 11731:2017 E	-	-	Absent
<i>Legionella pneumophila</i> sero group 2 - 15	ISO 11731:2017 E	-	-	Absent
Remarks	The sample meets Department of Energy Recycled Water and Biosolids Regulations 2021 (3 rd Edition/ DoE/PD/R01/004) January 2021 with respect to the above tests only.			
Test Method Variation	None			
Keywords	CFU: Colony Forming Unit, APHA: American Public Health Association, DoE: Department of Energy, NA: Not provided: Culture Media Used: GVPC Agar			
Test Performed By (Emp ID)	02			
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-

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