



LABORATORY ANALYSIS REPORT

Reporting Date: 17-Mar-2023

Report No.	WBR23-08133	Sample No	WBS23-05187
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 16-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr.Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0565019657 Email: roashan.khaleel@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:00
Sample Identification	SC No.25382/04	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	28.4°C	Sample Receipt Temp.	5.6°C
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	176 - 203	189	< 500 ♡
Escherichia Coll	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero ☉

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline
 ♡ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
 ☉ GSO Standard – 149:2021 Unbottled Drinking Water.

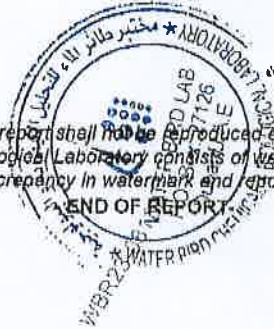
The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA- American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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Reporting Date: 17-Mar-2023

LABORATORY ANALYSIS REPORT

Report No ⁵	WBR23-08135	Sample No	WBS23-05189
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 16-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0565019657 Email: roashan.khaleel@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	DEWA Main Tank - No.1		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:15
Sample Identification	SC No.25382/06	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported In Ice Box
Sample Collection Temp.	36.0°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	196 - 226	210	< 600 ✕
Escherichia Coli	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero ☉

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline
 ✕ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
 ☉ GSO Standard - 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA- American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 17-Mar-2023

Report No.	WBR23-08130	Sample No	WBS23-05184
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 16-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr. Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0565019657 Email: roashan.khaleel@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:15
Sample Identification	SC No.25382/01	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported In Ice Box
Sample Collection Temp.	30.0°C	Sample Receipt Temp.	5.5°C
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	161 - 186	173	< 500 ☞
Escherichia Coli	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☞
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☞
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero ☞

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline
 ☞ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
 ☞ GSO Standard – 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA- American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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Reporting Date: 17-Mar-2023

LABORATORY ANALYSIS REPORT

Report No ³⁴	WBR23-08134	Sample No	WBS23-05188
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 16-Mar-2023

CLIENT INFORMATION

Client	INFRA CARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirate		
Contact Details	Attn: Mr.Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0565019657 Email: roashan.khaleel@fracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.5 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:10
Sample Identification	SC No.25382/05	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	29.9°C	Sample Receipt Temp.	5.1°C
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	172 - 199	185	< 500 ♣
Escherichia Coll	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero ☉
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero ☉

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline
 ♣ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control In Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
 © GSO Standard – 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA - American Public Health Association , WBCBL - Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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Reporting Date: 17-Mar-2023

LABORATORY ANALYSIS REPORT

Report No.	WBR23-08132	Sample No	WBS23-05186
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 16-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0565019657 Email: roashan.khaleel@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.2 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:45
Sample Identification	SC No.25382/03	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	28.0°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	158 - 183	170	< 500 %
Escherichia Coll	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero @

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline & Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
© GSO Standard – 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA - American Public Health Association , WBCBL - Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:
Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 17-Mar-2023

Report No	WBR23-08131	Sample No	WBS23-06185
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 15-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirate		
Contact Details	Attn: Mr.Roashan Khaleel Tel: 043417100 Fax: 043403800 Mobile: 0566019657 Email: roashan.khaleel@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.3 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:30
Sample Identification	SC No.25382/02	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 9060	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 500 ml	Onsite Treatment/ Preservation	Transported In Ice Box
Sample Collection Temp.	28.0°C	Sample Receipt Temp.	5.6°C
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	Standard Method for the Examination of Water & Wastewater, APHA/AWWA/WEF, 23rd Edition.		

Microbiological Analysis Result

TEST	UNIT	METHOD	MDL	UM Range	RESULTS	GUIDELINES
Heterotrophic Plate Count	CFU/mL	APHA 9215 D	1.0	178 - 205	191	< 500 ✕
Escherichia Coll	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Total Coliforms	CFU/100 mL	APHA 9222 B	1.0	NA	<1	Zero @
Pseudomonas Aeruginosa	CFU/100 mL	APHA 9213 E	1.0	NA	<1	Zero @

Remarks: The microbiological status of the above tested sample are satisfactory with respect to the specified guideline
 ✕ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control In Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2
 @ GSO Standard – 149:2021 Unbottled Drinking Water.

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , APHA- American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:
Praveen R.Nair
(Laboratory Manager)



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END OF REPORT



Water Bird Chemical & Biological Laboratory

Providing Quality Testing Services



LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08147	Sample No	WBS23-05189
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	DEWA Main Tank - No.1		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:15
Sample Identification	SC No.25382/06	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported in Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	36.0°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Pet Bottle	Tested By	VS/PA/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	Pt/Co	APHA 2120 C	7.00	NA	<7.0	---
pH @ 25°C	---	APHA 4500 H+ B	0.01 - 14.00	6.907 - 7.133	7.02	6.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	366.6355 - 403.3645	385	---
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	---
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	219.9596 - 256.0404	238	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	NA	<0.70	< 0.80
Chlorine Free - LR	mg/L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	---
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	---
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline.

GSO Standard – 149:2021 Unbottled Drinking Water.

#This test is subcontracted to EIAC Accredited Laboratory

Approved By:

Praveen R.Nair
(Laboratory Manager)

Form No WBCBL/RP/13

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مختبر طائر الماء للتحليل الكيماوية و البيولوجية

Water Bird Chemical & Biological Laboratory

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Issue No & Date 01; 10/12/2018

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LB-TEST-088

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Chemical & Biological Laboratory**

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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08147	Sample No	WBS23-05189
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , LOQ: Limit of Quantitation , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08146	Sample No	WBS23-05188
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.5 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:10
Sample Identification	SC No.25382/05	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported in Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	29.9°C	Sample Receipt Temp.	5.1°C
Sampling Apparatus	Pet Bottle	Tested By	VS/VPA/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	Pl/Co	APHA 2120 C	7.00	NA	<7.0	---
pH @ 25°C	---	APHA 4500 H* B	0.01 - 14.00	6.9365 - 7.1635	7.05	6.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	367.6878 - 404.4122	386	---
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	---
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	220.8838 - 257.1162	239	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	NA	<0.70	< 0.80
Chlorine Free - LR	mg/ L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	---
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	---
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline, GSO Standard – 149:2021 Unbottled Drinking Water.
 #This test is subcontracted to EIAC Accredited Laboratory

Approved By:
 Praveen R.Nair
 (Laboratory Manager)



Form No WBCBL/RP/13
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مختبر طائر الماء للتحليل الكيميائي والبيولوجية
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Issue No & Date 01; 10/12/2018
 Revision No & Date 04;18/04/2021



Water Bird Chemical & Biological Laboratory

Providing Quality Testing Services



LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08146	Sample No	WBS23-05188
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with International practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , LOQ: Limit of Quantitation , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08143	Sample No	WBS23-05185
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

CLIENT INFORMATION

Client	INFRAÇARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661948 Email: anoop.c@Infraçare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.3 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:30
Sample Identification	SC No.25382/02	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported In Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	28.0°C	Sample Receipt Temp.	5.6°C
Sampling Apparatus	Pet Bottle	Tested By	VS/PA/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	Pt/Co	APHA 2120 C	7.00	NA	<7.0	---
pH @ 25°C	---	APHA 4500 H-B	0.01 - 14.00	6.7889 - 7.0111	6.90	6.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	377.1108 - 414.8892	396	---
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	---
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	219.0354 - 254.9646	237	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	NA	<0.70	< 0.80
Chlorine Free - LR	mg/ L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	---
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	---
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline.

GSO Standard - 149:2021 Unbottled Drinking Water.

#This test is subcontracted to EIAC Accredited Laboratory

Approved By:
Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08143	Sample No	WBS23-05185
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association, WBCBL- Water Bird Chemical & Biological Laboratory, LOQ: Limit of Quantitation, UM: Uncertainty Measurement, NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)

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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08145	Sample No	WBS23-05187
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:00
Sample Identification	SC No.25362/04	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported In Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	28.4°C	Sample Receipt Temp.	5.6°C
Sampling Apparatus	Pet Bottle	Tested By	VS/NPA/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	PVC _o	APHA 2120 C	7.00	NA	<7.0	--
pH @ 25°C	---	APHA 4500 H ⁺ B	0.01 - 14.00	6.9267 - 7.1533	7.04	8.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	368.5401 - 405.4599	387	--
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	--
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	221.808 - 258.192	240	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	-	<0.70	< 0.80
Chlorine Free - LR	mg/ L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	--
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	< 0.01
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline.
GSO Standard - 149:2021 Unbottled Drinking Water.
#This test is subcontracted to EIAAC Accredited Laboratory

Approved By:
Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08145	Sample No	WBS23-05187
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , LOQ: Limit of Quantitation , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08144	Sample No	WBS23-05186
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emiratos		
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.2 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:46
Sample Identification	SC No.25382/03	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported in Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	29.0°C	Sample Receipt Temp.	5.2°C
Sampling Apparatus	Pet Bottle	Tested By	VS/VP/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	PVC _o	APHA 2120 C	7.00	NA	<7.0	---
pH @ 25°C	---	APHA 4500 H ⁺ B	0.01 - 14.00	6.8676 - 7.0924	6.98	6.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	382.8246 - 421.1754	402	---
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	---
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	222.7322 - 259.2678	241	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	NA	<0.70	< 0.80
Chlorine Free - LR	mg/ L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	---
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	---
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline.

GSO Standard - 149:2021 Unbottled Drinking Water.

#This test is subcontracted to EIAC Accredited Laboratory

Approved By:
Praveon R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08144	Sample No	WBS23-05186
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 20-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , LOQ: Limit of Quantitation , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08142	Sample No	WBS23-05184
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 21-Mar-2023

CLIENT INFORMATION

Client	INFRA CARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr. Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:15
Sample Identification	SC No.25382/01	Submitted By	WBCBL Rep.
Sampling Procedure	APHA 1060 B	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Pet Bottle/ 1 L	Onsite Treatment/ Preservation	Transported in Ice Box and Observed that Taste & Odor of the sample is Normal
Sample Collection Temp.	30.0°C	Sample Receipt Temp.	5.5°C
Sampling Apparatus	Pet Bottle	Tested By	VS/NPA/SC
Test Method	1.) Standard Method for the Examination of Water and Wastewater, APHA/AWWA/WEF, 23rd Edition. 2.) HACH Spectrometry.		

Chemical Analysis Result

TEST	UNIT	METHOD	LOQ	UM Range	RESULTS	GUIDELINE
Colour - Apparent	P/Co	APHA 2120 C	7.00	NA	<7.0	—
pH @ 25°C	—	APHA 4500 H' B	0.01 - 14.00	6.9857 - 7.2143	7.10	6.50 - 8.50
Electrical Conductivity @25°C	µS/cm	APHA 2510 B	2.20	371.397 - 408.603	390	—
Total Suspended Solids @ 103 - 105°C (TSS)	mg/L	APHA 2540 D	5.00	NA	<5.0	—
Total Dissolved Solids @ 180°C (TDS)	mg/L	APHA 2540 C	5.00	217.187 - 252.813	235	100 - 1000
Ammonia (NH ₃)	mg/L	HACH 8155	0.30	NA	<0.30	< 0.50
Chlorine Dioxide	mg/L	HACH 10126	0.70	NA	<0.70	< 0.80
Chlorine Free - LR	mg/L	APHA 4500 Cl G	0.20	NA	<0.20	< 5.0
Iron Total	mg/L	APHA 3500 Fe B	0.20	NA	<0.20	< 0.30
Nitrite (NO ₂ ⁻) - LR	mg/L	HACH 8507	0.04	NA	<0.04	< 3.0
Turbidity	NTU	APHA 2130 B	2.10	NA	<2.10	—
Aluminium (Al)	mg/L	APHA 3120 B	0.025	NA	<0.025	—
Bromate (BrO ₃ ⁻) #	mg/L	APHA 4110	0.005	NA	<0.005	< 0.010

Remarks: All of the above tested parameters are within the acceptable limit with respect to the specified guideline.

GSO Standard – 149:2021 Unbottled Drinking Water.

#This test is subcontracted to EIAC Accredited Laboratory

Approved By:

Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 21-Mar-2023

Report No	WBR23-08142	Sample No	WBS23-05184
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 21-Mar-2023

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

APHA-American Public Health Association , WBCBL- Water Bird Chemical & Biological Laboratory , LOQ: Limit of Quantitation , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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Reporting Date: 27-Mar-2023

LABORATORY ANALYSIS REPORT

Report No	WBR23-08138	Sample No	WBS23-05186
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infacare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.2 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:45
Sample Identification	SC No.25382/03	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	29.0°C	Sample Receipt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.09
Volume Used In Analysis	1 L	Sampling Certificate No	26382
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 μ

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
 μ Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control In Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:
 Praveen R.Nair
 (Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 27-Mar-2023

Report No	WBR23-08141	Sample No	WBS23-05189
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	DEWA Main Tank - No.1		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 15:15
Sample Identification	SC No.25382/06	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Recelying Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	36.0°C	Sample Recelpt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.14
Volume Used In Analysis	1 L	Sampling CertificateNo	25382
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 *

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.

* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit , UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
(Laboratory Manager)



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Reporting Date: 27-Mar-2023

LABORATORY ANALYSIS REPORT

Report No.	WBR23-08137	Sample No	WBS23-05185
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC		
Contractor	Water Bird Chemical & Biological Laboratory		
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates		
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae		
Project	GEMS Our Own Indian School (OIS), Dubai		

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.3 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:30
Sample Identification	SC No.25382/02	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	28.0°C	Sample Receipt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.06
Volume Used In Analysis	1 L	Sampling Certificate No	25382
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 μ

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
 *Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA- American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit, UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

Praveen R.Nair
 (Laboratory Manager)



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Reporting Date: 27-Mar-2023

LABORATORY ANALYSIS REPORT

Report No ¹⁰	WBR23-08136	Sample No	WBS23-05184
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirate
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 16:15
Sample Identification	SC No.25382/01	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	30.0°C	Sample Receipt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.08
Volume Used In Analysis	1 L	Sampling CertificateNo	25382
Sampling Apparatus	Sterile Bottle	Tested By	ANS
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 #

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA- American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit, UM: Uncertainty Measurement , NA: Not Applicable

Approved By:
Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 27-Mar-2023

Report No	WBR23-08139	Sample No	WBS23-05187
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@fracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.4 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:00
Sample Identification	SC No.25382/04	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported in Ice Box
Sample Collection Temp.	28.4°C	Sample Receipt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.08
Volume Used In Analysis	1 L	Sampling Certificate No	25382
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 ♢

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
* Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO- The International Organization for Standardization , APHA- American Public Health Association , BS- British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit, UM: Uncertainty Measurement , NA: Not Applicable

Approved By:
Praveen R.Nair
(Laboratory Manager)



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LABORATORY ANALYSIS REPORT

Reporting Date: 27-Mar-2023

Report No	WBR23-08140	Sample No	WBS23-05188
Request No	WBQ23-01351	Date Of Analysis	From: 13-Mar-2023 To: 25-Mar-2023

CLIENT INFORMATION

Client	INFRACARE MAINTAINANCE AND CLEANING SERVICES LLC
Contractor	Water Bird Chemical & Biological Laboratory
Address & Location	P.O Box: 27499, Street 15A, Al Quoz City: Dubai Country: United Arab Emirates
Contact Details	Attn: Mr.Anoop Chandran Nair Tel: 043417100 Fax: 043403800 Mobile: 0551661946 Email: anoop.c@Infracare.ae
Project	GEMS Our Own Indian School (OIS), Dubai

SAMPLE INFORMATION

Sample Point	Roof Water Tank No.5 = 1st Tap		
Sample Description	Domestic Water	Sample By	WBCBL Rep.
Sample Source	DEWA	Sampling Date & Time	13-Mar-2023 17:10
Sample Identification	SC No.25382/05	Submitted By	WBCBL Rep.
Sampling Procedure	BS7592:2022	Receiving Date & Time	13-Mar-2023 17:35
Sample Container/Volume	Sterile Bottle/ 1.5 L	Onsite Treatment/ Preservation	Transported In Ice Box
Sample Collection Temp.	29.9°C	Sample Receipt Temp.	20°C
Type Of Biocide	Chlorine	Biocide Concentration	0.02
Volume Used In Analysis	1 L	Sampling Certificate No	25382
Sampling Apparatus	Sterile Bottle	Tested By	SEN
Test Method	International Organization for Standardization (ISO) 11731-2017 Matrix : A- Membrane Filter on Plate with Acid Treatment (Procedure 7) GVPC Medium		

Legionella Analysis Results

TEST	UNIT	METHOD	METHOD DETECTION LIMIT	UM Range	RESULTS	GUIDELINES
Legionella Species	CFU/L	ISO 11731 2017	1.0	NA	<1	< 100 %

Remarks: The Legionella status of the above tested sample is satisfactory with respect to the specified guideline.
 * Dubai Municipality Health and Safety Department- Technical Guidelines for Legionella Control in Water System Dated 07/11/2021- DM-HSD-GU44-LCWS2

The reported expanded uncertainty/ uncertainty range is based on a standard uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with international practice and reported in the same unit of results.

Test Method Variation: None

< 1 is considered as not detected. , CFU - Colony Forming Unit , ISO-The International Organization for Standardization , APHA-American Public Health Association , BS-British Standard , WBCBL- Water Bird Chemical & Biological Laboratory , MDL: Method Detection Limit, UM: Uncertainty Measurement , NA: Not Applicable

Approved By:

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