



Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9220



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9017
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Club House Main Pump Room Filtration Tank
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D
Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9242



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9038
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 31.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Club House Main Pump Room Filtration Tank
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9219

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9016
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Club House Main Pump Room RCC Water Tank
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9241



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9037
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 34.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Club House Main Pump Room RCC Water Tank
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9208

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9005
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 34.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Agronomy RCC Tank Groundfloor
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9230

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9026
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 34.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Agronomy RCC Tank Groundfloor
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Senior Microbiologist

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9217



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9014
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 4 GRP Tank Water
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9239

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9035
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 31.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 4 GRP Tank Water
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection= \leq 1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Senior Microbiologist

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9215



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9012
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 27.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 6 GRP Tank Water
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



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Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9237



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9033
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 27.6°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 6 GRP Tank Water
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9216

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9013
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 32.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 14 GRP Tank 1
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Senior Microbiologist



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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9238



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9034
Sampling Date/time	: 13/5/2020 , 16:08	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 32.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 14 GRP Tank 1
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



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Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9218

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9015
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 30.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 15 GRP Tank 1
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= \leq 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Senior Microbiologist



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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9240



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9036
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 30.7°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Confort 15 GRP Tank 1
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9212

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9009
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 31.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 1
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D
Senior Microbiologist

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Legionella Test Report

Report No. WA-R-L-2005-9234

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9030
Sampling Date/time	: 13/5/2020 , 16:08	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 31.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 1
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Dr. Suresh Murugan Ph.D

Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9213

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9010
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 29.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 2
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= \leq 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Senior Microbiologist

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9235

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9031
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 29.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 2
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Dr. Suresh Murugan Ph.D

Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9214

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9011
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 29.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 3
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Senior Microbiologist

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9236

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9032
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 29.3°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: Tennis Academy Roof Top Tank 3
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Senior Microbiologist



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9209

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9006
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 1 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D
Senior Microbiologist

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Legionella Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2005-9231



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9027
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 28.1°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 1 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Dr. Suresh Murugan Ph.D

Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9210

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9007
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 27.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 2 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected=<1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Senior Microbiologist

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Legionella Test Report

Customer Details

Report No. WA-R-L-2005-9232

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9028
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 27.9°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 2 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Senior Microbiologist

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2005-9211

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9008
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 16/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 15/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: APHA 9060 A&B
Temperature °C	: 28.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 3 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 4-8°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Escherichia Coli	APHA 9222 B,H& I 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Faecal Coliforms	APHA 9222 D 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml
Heterotrophic plate count	APHA 9215 B 23rd Ed. 2017	CFU/ml	Not Detected	100CFU/ml
Pseudomonas aeruginosa	CCFRA 2.5.2 5th Ed. 2007	CFU/250ml	Not Detected	Zero
Total Coliforms	APHA 9222 B 23rd Ed. 2017	CFU/100ml	Not Detected	Zero/100ml

Note : Not Detected= \leq 1CFU

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested results of the sample are found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
HS	SM	None

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Campden Chorleywood Food Research Association.

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Senior Microbiologist

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Legionella Test Report

Report No. WA-R-L-2005-9233

Customer Details

Crystalline Environmental Services



Request No.	: WA-Q-L-2005-1451	Sample No.	: WA-S-L-2005-9029
Sampling Date/time	: 13/5/2020 , 12:05	Report Date.	: 26/5/2020
Analysis Start Date.	: 13/5/2020	Analysis End Date.	: 23/5/2020
Sample Location.	: Jumeirah Golf Estate, Dubai	Sampled By	: Shoukth
Sample Identification	: Not Applicable	Sample Submitted as	: Water
Sample Certificate No	: 0810	Sampling Method	: BS 7592
Temperature °C	: 28.4°C	Site Observation	: Clear
Sampling Container	: Sterile Plastic Bottle	Source of Sample	: PCAD Tank 3 Roof Top Tank
Sampling Point	: Not Applicable	Preservation	: 10°C
Sample Description	: Water		

Parameters	Test Methods	Units	Results	Specification
Legionella	ISO 11731: 2017	CFU/L	Not Detected	Zero/L

Note : Limit of Detection=<1CFU/L

Procedure: WSOP-MB-0051 Direct Placing of Membrane on BCYE+L-Cysteine/Membrane Filter Followed by Washing Procedure in Funnel.

Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

Analyst	Reviewed By	Method Variation
JY	SM	None

Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

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Senior Microbiologist



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