



Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38461



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-37998

| | | | |
|-----------------------|---|---------------------|--------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 4-8°C |
| Sample Description | : Chilled Water | Samplerrefno | : 1 |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | -- |
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |

Note : Not Detected=<1CFU

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. : WA-R-L-2103-38468



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38005

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 16th Floor Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 4-8°C |
| Sample Description | : Chilled Water | Samplerrefno | : 8 |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | -- |
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |

Note : Not Detected= \leq 1CFU

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

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

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38472



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38009

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 32 Floor – Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 4-8°C |
| Sample Description | : Chilled Water | Samplerrefno | : 12 |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | - |
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | - |

Note : Not Detected=<1CFU

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38480



Request No. : WA-Q-L-2103-05413

Received Date : 13/03/2021

Sample No. : WA-S-L-2103-38017

| | | | |
|-----------------------|---|---------------------|---|
| Sampling Date | : 13/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 37th Floor Plant Room – Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 4-8°C |
| Sample Description | : Chilled Water | Samplerrefno | : 20 |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | -- |
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |

Note : Not Detected=<1CFU

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2103-38554

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38084

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 02 |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Water | | |

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

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – 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
Head of Microbiology Department



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2103-38555

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38085

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : LG Floor |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Water | | |

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

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – 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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Dr. Suresh Murugan Ph.D
Head of Microbiology Department

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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38557



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38087

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Ground Floor |
| Sampling Point | : Secondary Pump Room | Preservation | : 4-8°C |
| Sample Description | : Water | | |

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

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – 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
Head of Microbiology Department

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2103-38556

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38086

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : LG Floor –(Water Cooled) |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Water | | |

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

Note : Not Detected=<1CFU

Limits based on Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – 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

Head of Microbiology Department

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2103-38565

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38095

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 17/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 16/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Level 06 |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|-------------------------------|-----------|--------------|---------------|
| Faecal Coliforms | APHA 9222 D 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Heterotrophic plate count | APHA 9215 B 23rd Ed. 2017 | CFU/ml | Not Detected | 10000CFU/ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | - |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | - |
| Escherichia Coli | APHA 9222 B,H&I 23rd Ed. 2017 | CFU/100ml | Not Detected | - |

Note : Not Detected=<1CFU

Limit based on DM.Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38482



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38019

| | | | |
|-----------------------|---|---------------------|--------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 23/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 23/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 10°C |
| Sample Description | : Chilled Water | Samplerrefno | : 1 |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

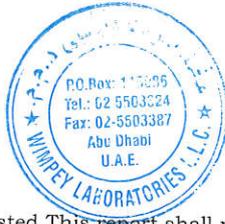
Remarks :The tested result of the sample is found to be satisfactory within the specified limit.

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Report No. WA-R-L-2103-38489

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38026

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 23/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 23/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 16th Floor Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 10°C |
| Sample Description | : Chilled Water | Samplerrefno | : 8 |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Report No. WA-R-L-2103-38493

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38030

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 13/03/2021 | Report Date. | : 23/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 23/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 32 Floor – Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 10°C |
| Sample Description | : Chilled Water | Samplerrefno | : 12 |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department



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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38501



Request No. : WA-Q-L-2103-05413 Received Date : 13/03/2021 Sample No. : WA-S-L-2103-38038

| | | | |
|-----------------------|---|---------------------|---|
| Sampling Date | : 13/03/2021 | Report Date. | : 23/03/2021 |
| Analysis Start Date. | : 13/03/2021 | Analysis End Date. | : 23/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Head Quarters | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : Not Given | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 37th Floor Plant Room – Chilled Water |
| Sampling Point | : Chilled Water | Preservation | : 10°C |
| Sample Description | : Chilled Water | Samplerrefno | : 20 |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

Key Words :CFU-Colony Forming Units, ISO-International Organization for Standardization, BS-British Standards.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department



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Legionella Test Report

Customer Details

Report No. WA-R-L-2103-38582

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38112

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 24/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 24/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 02 |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1.0CFU/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 Water Quality Regulations 2021. Document no. DoE/PD/R01/003. Table F – Microbiological Parameters.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| HS | 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

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45: Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38585



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38115

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 24/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 24/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Ground Floor |
| Sampling Point | : Secondary Pump Room | Preservation | : 10°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection= \leq 20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| HS | 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
Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2103-38584



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38114

| | | | |
|-----------------------|---|---------------------|----------------------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 24/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 24/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : LG Floor -(Water Cooled) |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| HS | 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

Head of Microbiology Department

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Legionella Test Report

Customer Details

Report No. WA-R-L-2103-38583

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38113

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 24/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 24/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : LG Floor |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| HS | 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

Head of Microbiology Department

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Legionella Test Report

Customer Details

Report No.: WA-R-L-2103-38593

Crystalline Cleaning & Environmental Services

P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.



Request No. : WA-Q-L-2103-05426 Received Date : 14/03/2021 Sample No. : WA-S-L-2103-38123

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/03/2021 | Report Date. | : 24/03/2021 |
| Analysis Start Date. | : 14/03/2021 | Analysis End Date. | : 24/03/2021 |
| Sample Location. | : ADIA (Abu Dhabi Investment Authorities) – Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Chilled Water |
| Sample Certificate No | : Not Applicable | Sampling Method | : BS 7592 |
| Temperature °C | : Not Given | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Level 06 |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | 100CFU/L |

Note : Limit of Detection=<20CFU/L

Procedure: WSOP-MB-0051. Filtration, Washing, Heat Treatment, Acid Treatment followed by Plating on GVPC/BCYE Agar.

Limit based on DM. Rev2.Dated 6/2010 for guidelines for control of legionella in water system. Public Safety Department.

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

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| HS | 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

Head of Microbiology Department

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CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|--|-----------------|---------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -HQ |
| Sample Type | Chilled Water | Sample Point | HQ-Basement Chilled Water |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 10.23 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2140 |
| 3 | TDS, ppm | --- | 1391 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.17 |
| 5 | Nitrite, ppm. | >800 | 870 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|--|-----------------|-----------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -HQ |
| Sample Type | Chilled Water | Sample Point | HQ-L-16 Chilled Water |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 9.92 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2420 |
| 3 | TDS, ppm | --- | 1573 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.17 |
| 5 | Nitrite, ppm. | >800 | 1060 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|--|-----------------|-----------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -HQ |
| Sample Type | Chilled Water | Sample Point | HQ-L-32 Chilled Water |

CHILLED WATER

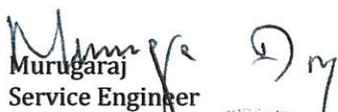
| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 9.81 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2630 |
| 3 | TDS, ppm | --- | 1709 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.15 |
| 5 | Nitrite, ppm. | >800 | 1040 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|--|-----------------|-----------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -HQ |
| Sample Type | Chilled Water | Sample Point | HQ-L-37 Chilled Water |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 9.48 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 1860 |
| 3 | TDS, ppm | --- | 1209 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.10 |
| 5 | Nitrite, ppm. | >800 | 930 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|---|-----------------|------------------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -Car Parking |
| Sample Type | Chilled Water | Sample Point | Roof Top Chiller Yard - Air Cooled |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 9.68 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 1780 |
| 3 | TDS, ppm | --- | 1157 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | <0.05 |
| 5 | Nitrite, ppm. | >800 | 830 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,

Murugaraj
Service Engineer

النظف البيئي لخدمات حماية البيئة
ص.ب. 131463
أبوظبي - ع.ا.م.
P.O.Box: 131463
Abu Dhabi
U.A.E



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

| | | | |
|---------------------------------|--|-----------------|------------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -Car Parking |
| Sample Type | Chilled Water | Sample Point | GF-Secondary Pump Room |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 10.08 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2230 |
| 3 | TDS, ppm | --- | 1449 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.14 |
| 5 | Nitrite, ppm. | >800 | 890 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraj
Service Engineer





CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|---------------|--|-----------------|-------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -Car Parking |
| Sample Type | Chilled Water | Sample Point | B2-Chilled Water |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 10.31 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2140 |
| 3 | TDS, ppm | --- | 1391 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.11 |
| 5 | Nitrite, ppm. | >800 | 920 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraj
Service Engineer



CLEANER WATER GREENER TOMORROW



CRYSTALLINE ENVIRONMENTAL SERVICES

WATER ANALYSIS REPORT

| | | | |
|---------------------------------|--|-----------------|---------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-03-2021 |
| Sampled By | Crystalline Rep | Sample Location | ADIA -Car Parking |
| Sample Type | Chilled Water | Sample Point | L-06, Chilled Water |

CHILLED WATER

| S.No | Parameter | Control Limits | Test Results |
|------|---|------------------|--------------|
| 1 | pH at 25°C | 9.0 - 10.5 | 10.11 |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | Max 3500 | 2520 |
| 3 | TDS, ppm | --- | 1638 |
| 4 | Iron, ppm as Fe | 0 - 2.0 | 0.16 |
| 5 | Nitrite, ppm. | >800 | 1130 |
| 6 | Dip slide | <10 ³ | ND |

*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (μmhos).

COMMENTS AND RECOMMENDATIONS

- All Parameters are within control limit - No action recommended

Reported By,


Murugaraaj
Service Engineer



CLEANER WATER GREENER TOMORROW