



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-2101-33321



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32857

| | | | |
|-----------------------|--------------------------|---------------------|---|
| Sampling Date | : 23/01/2021 | Report Date. | : 27/01/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 26/01/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3657 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Podium Level 3 Pump Room Water Tank 1 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 20 |

| 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 |
|---------|-------------|------------------|
| SN | 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

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2101-33308



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32844

| | | | |
|-----------------------|--------------------------|---------------------|------------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 27/01/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 26/01/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 20 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 1 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 7 |

| 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 |
| SN | 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

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2101-33309



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32845

| | | | |
|-----------------------|--------------------------|---------------------|---------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 27/01/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 26/01/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 23 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 2 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 8 |

| 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 |
|---------|-------------|------------------|
| SN | 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. Mussaffah, Abu Dhabi, UAE.

Report No. WA-R-L-2101-33312



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32848

| | | | |
|-----------------------|--------------------------|---------------------|---------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 27/01/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 26/01/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 24 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 3 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 11 |

| 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 |
| SN | SM | None |

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

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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-2101-33311



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32847

| | | | |
|-----------------------|--------------------------|---------------------|-------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 27/01/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 26/01/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 22 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Waste Room |
| Sampling Point | : Tap Water | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 10 |

| 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 |
| SN | 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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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-2101-33359



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32895

| | | | |
|-----------------------|--------------------------|---------------------|---|
| Sampling Date | : 23/01/2021 | Report Date. | : 02/02/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 02/02/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3657 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Podium Level 3 Pump Room Water Tank 1 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 20 |

| 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 |
|---------|-------------|------------------|
| SN | 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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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-2101-33346



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32882

| | | | |
|-----------------------|--------------------------|---------------------|---------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 02/02/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 02/02/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 20 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 1 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 7 |

| 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 |
|---------|-------------|------------------|
| SN | 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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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-2101-33347



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32883

| | | | |
|-----------------------|--------------------------|---------------------|---------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 02/02/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 02/02/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 23 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 2 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 8 |

| 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 |
|---------|-------------|------------------|
| SN | 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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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-2101-33350



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32886

| | | | |
|-----------------------|--------------------------|---------------------|---------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 02/02/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 02/02/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 24 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Water Tank 3 |
| Sampling Point | : Tank | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 11 |

| 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 |
|---------|-------------|------------------|
| SN | 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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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-2101-33349



Request No. : WA-Q-L-2101-04693

Sample No. : WA-S-L-2101-32885

| | | | |
|-----------------------|--------------------------|---------------------|-------------------------------|
| Sampling Date | : 23/01/2021 | Report Date. | : 02/02/2021 |
| Analysis Start Date. | : 23/01/2021 | Analysis End Date. | : 02/02/2021 |
| Sample Location. | : Rihan Heights | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : water |
| Sample Certificate No | : 3656 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 22 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Tower D Level 14 Waste Room |
| Sampling Point | : Tap Water | Preservation | : 4-8°C |
| Sample Description | : Water | sampler ref. no. | : 10 |

| 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 |
|---------|-------------|------------------|
| SN | 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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CONSULTING TEST REPORT

| | | | |
|---|----------------------------|-------------|-----------------|
| Client Name: SERCO, MIDDLE EAST, ABUDHABI | | | |
| Site Name: | Rihan Heights | | |
| Sample Location | Tower D Level-P3 Pump Room | Visit Date: | 23-01-2021 |
| Sample Point | Water Tank | Sampled By | Crystalline Rep |

PORTABLE WATER ANALYSIS

| | Parameter | Control Limits | Results |
|--------------------------------------|--|-----------------|---------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.14 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 228 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 148 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Calcium Hardness at 25°C | 200 | 54 |
| 7 | Total Hardness at 25°C | 300 | 62 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 41 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Calcium hardness and Total Hardness levels are satisfactory. |
| 3 | All inorganic parameters are within the control limit. |

Reported By


Murugaraa
Service Engineer





CONSULTING TEST REPORT

| | | | |
|---|---------------------|-------------|-----------------|
| Client Name: SERCO, MIDDLE EAST, ABUDHABI | | | |
| Site Name: | Rihan Heights | | |
| Sample Location | Tower D, Level - 14 | Visit Date: | 23-01-2021 |
| Sample Point | Water Tank # 01 | Sampled By | Crystalline Rep |

PORTABLE WATER ANALYSIS

| | Parameter | Control Limits | Results |
|--------------------------------------|--|-----------------|---------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.32 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 241 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 156 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Calcium Hardness at 25°C | 200 | 58 |
| 7 | Total Hardness at 25°C | 300 | 63 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 43 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Calcium hardness and Total Hardness levels are satisfactory. |
| 3 | All inorganic parameters are within the control limit. |

Reported By


Murugaraa
Service Engineer





CONSULTING TEST REPORT

| | | | |
|---|---------------------|-------------|-----------------|
| Client Name: SERCO, MIDDLE EAST, ABUDHABI | | | |
| Site Name: | Rihan Heights | | |
| Sample Location | Tower D, Level - 14 | Visit Date: | 23-01-2021 |
| Sample Point | Water Tank # 02 | Sampled By | Crystalline Rep |

PORTABLE WATER ANALYSIS

| | Parameter | Control Limits | Results |
|--------------------------------------|--|-----------------|---------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.51 |
| 2 | Conductivity at 25°C, μ s/cm | ---- | 262 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 170 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Calcium Hardness at 25°C | 200 | 59 |
| 7 | Total Hardness at 25°C | 300 | 62 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 48 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Calcium hardness and Total Hardness levels are satisfactory. |
| 3 | All inorganic parameters are within the control limit. |

Reported By


Murugaraa
Service Engineer





CONSULTING TEST REPORT

| | | | |
|---|---------------------|-------------|-----------------|
| Client Name: SERCO, MIDDLE EAST, ABUDHABI | | | |
| Site Name: | Rihan Heights | | |
| Sample Location | Tower D, Level - 14 | Visit Date: | 23-01-2021 |
| Sample Point | Water Tank # 03 | Sampled By | Crystalline Rep |

PORTABLE WATER ANALYSIS

| | Parameter | Control Limits | Results |
|--------------------------------------|--|-----------------|---------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.43 |
| 2 | Conductivity at 25°C, μ s/cm | ---- | 251 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 163 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Calcium Hardness at 25°C | 200 | 61 |
| 7 | Total Hardness at 25°C | 300 | 67 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 46 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Calcium hardness and Total Hardness levels are satisfactory. |
| 3 | All inorganic parameters are within the control limit. |

Reported By


Murugaraa
Service Engineer





CONSULTING TEST REPORT

| | | | |
|---|------------------------|-------------|-----------------|
| Client Name: SERCO, MIDDLE EAST, ABUDHABI | | | |
| Site Name: | Rihan Heights | | |
| Sample Location | Tower D, Level - 14 | Visit Date: | 23-01-2021 |
| Sample Point | Waste Room - Tap Water | Sampled By | Crystalline Rep |

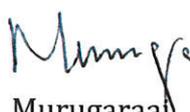
PORTABLE WATER ANALYSIS

| | Parameter | Control Limits | Results |
|--------------------------------------|--|-----------------|---------|
| 1 | pH at 25°C | 7.0 - 9.2 | 8.61 |
| 2 | Conductivity at 25°C, μ s/cm | ---- | 249 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 162 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Calcium Hardness at 25°C | 200 | 63 |
| 7 | Total Hardness at 25°C | 300 | 71 |
| Inorganic Chemical Parameters | | | |
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 48 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Calcium hardness and Total Hardness levels are satisfactory. |
| 3 | All inorganic parameters are within the control limit. |

Reported By


Murugaraaj
Service Engineer

