



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-2009-19848



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19061

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 39.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Plant Room - Roof Water Tank |
| Sampling Point | : 37th Floor - Tank | 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 |
|---------|-------------|------------------|
| 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-2009-19958



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19169

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30510, Asset: HQ-OUT-MT-PLM-FRONT-TANK | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 39.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 05 |
| Sampling Point | : External Pump Room - Tank | 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 : vNot 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
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-2009-19959



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19170

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30520, Asset: HQ-OUT-MT-PLM-FRONT-TANK 1 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 40.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 06 |
| Sampling Point | : External Pump Room - Tank | 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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Microbiology Test Report

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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-19960



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19171

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30521, Asset: HQ-OUT-MT-PLM-FRONT-TANK 2 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 40.6°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 07 |
| Sampling Point | : External Pump Room - Tank | 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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Microbiology Test Report

Customer Details

Report No. WA-R-L-2009-19961

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19172

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30522, Asset: HQ-OUT-MT-PLM-FRONT-TANK 3 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 40.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 08 |
| Sampling Point | : External Pump Room - Tank | 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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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-2009-19872



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19085

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 39.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Plant Room - Roof Water Tank |
| Sampling Point | : 37th Floor - Tank | 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 |
|---------|-------------|------------------|
| 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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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-2009-19963



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19174

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30510, Asset: HQ-OUT-MT-PLM-FRONT-TANK | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : BS 7592 |
| Temperature °C | : 39.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 05 |
| Sampling Point | : External Pump Room - Tank | 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=<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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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-2009-19964



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19175

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30520, Asset: HQ-OUT-MT-PLM-FRONT-TANK 1 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : BS 7592 |
| Temperature °C | : 40.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 06 |
| Sampling Point | : External Pump Room - Tank | 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 |
|---------|-------------|------------------|
| 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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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-2009-19965



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19176

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30521, Asset: HQ-OUT-MT-PLM-FRONT-TANK 2 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : BS 7592 |
| Temperature °C | : 40.6°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 07 |
| Sampling Point | : External Pump Room - Tank | 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 |
| 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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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-2009-19966



Request No. : WA-Q-L-2009-02967

Sample No. : WA-S-L-2009-19177

| | | | |
|-----------------------|---|---------------------|-----------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : EM: 30522, Asset: HQ-OUT-MT-PLM-FRONT-TANK 3 | Sample Submitted as | : Water |
| Sample Certificate No | : 2061 | Sampling Method | : BS 7592 |
| Temperature °C | : 40.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Water Tank 08 |
| Sampling Point | : External Pump Room - Tank | 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 |
|---------|-------------|------------------|
| 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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Microbiology Test Report

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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-19898



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19109

| | | | |
|-----------------------|--|---------------------|-------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 17/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 40.1 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : RCC Water Tank |
| Sampling Point | : Tank | 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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P.O.Box: 131463 Warehouse no: 84, M-45. Mussafah, Abu Dhabi, UAE.

Report No. WA-R-L-2009-19899



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19110

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 17/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 38.4 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - GRP Water Tank #4 |
| Sampling Point | : Tank | 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
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-2009-19900



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19111

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 18/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 17/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 38.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - GRP Water Tank #5 |
| Sampling Point | : Tank | 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

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-2009-19916



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19127

| | | | |
|-----------------------|--|---------------------|------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : BS 7592 |
| Temperature °C | : 40.1 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : RCC Water Tank |
| Sampling Point | : Tank | 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 |
|---------|-------------|------------------|
| 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-2009-19917



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19128

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : BS 7592 |
| Temperature °C | : 38.4 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - GRP Water Tank #4 |
| Sampling Point | : Tank | 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 |
| 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-2009-19918



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19129

| | | | |
|-----------------------|--|---------------------|--------------------------------------|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : BS 7592 |
| Temperature °C | : 38.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - GRP Water Tank #5 |
| Sampling Point | : Tank | 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.

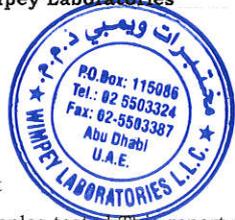
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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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-2009-19826



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19039

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Clinic - Cold Water |
| Sampling Point | : Basement - Tap Water | 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 |
| SM | SM | None |

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

Report No. WA-R-L-2009-19827

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19040

| | | | |
|-----------------------|--------------------------|---------------------|----------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Shower Room - Cold Water |
| Sampling Point | : Basement - Tap Water | 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 |
|---------|-------------|------------------|
| SM | SM | None |

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

Report No. WA-R-L-2009-19832

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19045

| | | | |
|-----------------------|-------------------------------|---------------------|------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.5°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Kitchen - Cold Water |
| Sampling Point | : Mezzanine Floor - Tap Water | 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 |
| 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-2009-19834



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19047

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 16th Floor Wing A - Tap Water | 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 |
| 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

Report No. WA-R-L-2009-19836

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19049

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 27.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 16th Floor Wing B - Tap Water | 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 |
| 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-2009-19839



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19052

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 31st Floor Wing B - Tap Water | 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 |
| 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-2009-19841



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19054

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26.7°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 32 Floor Wing A - Tap Water | 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 aeroginosa | 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 |
| 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-2009-19842



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19055

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 33 Floor Wing A - Tap Water | 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.

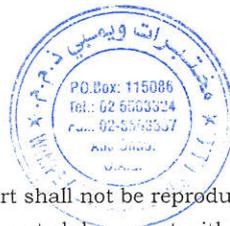
| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| SM | SM | None |

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-2009-19843



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19056

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 34 Floor Wing A - Tap Water | 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 |
| 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-2009-19844



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19057

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 26.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 35 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19845



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19058

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 36 Floor Wing A - Tap Water | 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 |
| 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-2009-19846



Request No. : WA-Q-L-2009-02956

Sample No. : WA-S-L-2009-19059

| | | | |
|-----------------------|---------------------------|---------------------|----------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 16/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 25.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Shower Room - Cold Water |
| Sampling Point | : 36th Floor - Showerhead | 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 |
| SM | SM | None |

Key Words :CFU-Colony Forming Unit; APHA-American Public Health Association; CCFRA-Camden 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-2009-19850



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19063

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Clinic - Cold Water |
| Sampling Point | : Basement - Tap Water | 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 |
|---------|-------------|------------------|
| 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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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-2009-19851



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19064

| | | | |
|-----------------------|--------------------------|---------------------|----------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : BS 7592 |
| Temperature °C | : 26.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Shower Room - Cold Water |
| Sampling Point | : Basement - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19856



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19069

| | | | |
|-----------------------|-------------------------------|---------------------|------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.5°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Kitchen - Cold Water |
| Sampling Point | : Mezzanine Floor - Tap Water | 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 |
|---------|-------------|------------------|
| 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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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-2009-19858



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19071

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : BS 7592 |
| Temperature °C | : 26.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 16th Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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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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-2009-19860



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19073

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2056 | Sampling Method | : BS 7592 |
| Temperature °C | : 27.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 16th Floor Wing B - Tap Water | 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 |
|---------|-------------|------------------|
| 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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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-2009-19863



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19076

| | | | |
|-----------------------|---------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 31st Floor Wing B - Tap Water | 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 |
|---------|-------------|------------------|
| HS | SM | None |

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

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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-2009-19865



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19078

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 26.7°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 32 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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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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-2009-19866



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19079

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 33 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19867



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19080

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 34 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19868



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19081

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 26.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 35 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19869



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19082

| | | | |
|-----------------------|-------------------------------|---------------------|-----------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.9°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Pantry - Cold Water |
| Sampling Point | : 36 Floor Wing A - Tap Water | 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 |
|---------|-------------|------------------|
| 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-2009-19870



Request No. : WA-Q-L-2009-02957

Sample No. : WA-S-L-2009-19083

| | | | |
|-----------------------|---------------------------|---------------------|----------------------------|
| Sampling Date | : 13/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 13/09/2020 | Analysis End Date. | : 23/09/2020 |
| Sample Location. | : ADIA HQ, Abu Dhabi | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2057 | Sampling Method | : BS 7592 |
| Temperature °C | : 25.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Shower Room - Cold Water |
| Sampling Point | : 36th Floor - Showerhead | 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 |
|---------|-------------|------------------|
| 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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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-2009-19896



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19107

| | | | |
|-----------------------|--|---------------------|---|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 17/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 28.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - Mess Hall Cold Water |
| Sampling Point | : Tap Water | 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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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-2009-19906



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19117

| | | | |
|-----------------------|--|---------------------|--|
| Sampling Date | : 14/09/2020 | Report Date. | : 17/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 17/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2060 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 26.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 01st Floor Driver Room Cold Water |
| Sampling Point | : Water Tap | 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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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-2009-19914



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19125

| | | | |
|-----------------------|--|---------------------|---|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2059 | Sampling Method | : BS 7592 |
| Temperature °C | : 28.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Basement 03 - Mess Hall Cold Water |
| Sampling Point | : Tap Water | 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 |
| 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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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-2009-19924



Request No. : WA-Q-L-2009-02962

Sample No. : WA-S-L-2009-19135

| | | | |
|-----------------------|--|---------------------|--|
| Sampling Date | : 14/09/2020 | Report Date. | : 24/09/2020 |
| Analysis Start Date. | : 14/09/2020 | Analysis End Date. | : 24/09/2020 |
| Sample Location. | : Abu Dhabi Investment Authorities (ADIA) - Car Parking | Sampled By | : Shoukth |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 2060 | Sampling Method | : BS 7592 |
| Temperature °C | : 26.9 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : 01st Floor Driver Room Cold Water |
| Sampling Point | : Water Tap | 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 |
|---------|-------------|------------------|
| 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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POTABLE WATER ANALYSIS REPORT

| | | | |
|--|---|-----------------------|-------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Basement - Clinic |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.68 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 236 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 153 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.17 |
| 7 | Calcium Hardness at 25°C | 200 | 53 |
| 8 | 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 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
 Service Engineer





POTABLE WATER ANALYSIS REPORT

| | | | |
|--|--|-----------------------|-----------------------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | HQ Mezzanine Floor-Kitchen |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.8 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 264 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 171 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.14 |
| 7 | Calcium Hardness at 25°C | 200 | 52 |
| 8 | Total Hardness at 25°C | 300 | 57 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 35 |
| 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 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

| | | | |
|--|--|-----------------------|-----------------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Basement Shower Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.46 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 239 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 155 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.16 |
| 7 | Calcium Hardness at 25°C | 200 | 57 |
| 8 | Total Hardness at 25°C | 300 | 61 |

| Inorganic Chemical Parameter | | | |
|-------------------------------------|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 38 |
| 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 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,
P. Murugaraaj
Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|--|-----------------------|-------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 00-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 16 A Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.61 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 249 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 162 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.12 |
| 7 | Calcium Hardness at 25°C | 200 | 48 |
| 8 | Total Hardness at 25°C | 300 | 54 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 36 |
| 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 |

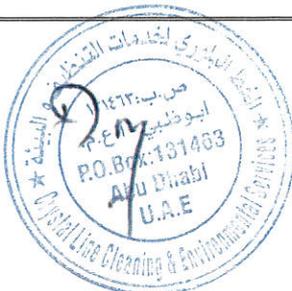
*** All test results expressed in parts per million (ppm) as CaCO₃ except pH and conductivity (µmhos).

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|---|-----------------------|------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 16 B Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.62 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 252 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 163 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.13 |
| 7 | Calcium Hardness at 25°C | 200 | 54 |
| 8 | Total Hardness at 25°C | 300 | 56 |

Inorganic Chemical Parameters

| | | | |
|---|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 31 |
| 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 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugan
Service Engineer



POTABLE WATER ANALYSIS REPORT

| | | | |
|--|---|-----------------------|------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | Wing 31 B Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.65 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 251 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 163 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.16 |
| 7 | Calcium Hardness at 25°C | 200 | 52 |
| 8 | Total Hardness at 25°C | 300 | 56 |

| Inorganic Chemical Parameters | | | |
|-------------------------------|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 32 |
| 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 |

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

| COMMENTS AND RECOMMENDATIONS | |
|------------------------------|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

| | | | |
|--|---|-----------------------|------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L 36 Shower Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.69 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 249 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 162 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.11 |
| 7 | Calcium Hardness at 25°C | 200 | 51 |
| 8 | Total Hardness at 25°C | 300 | 55 |

| Inorganic Chemical Parameters | | | |
|-------------------------------|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 32 |
| 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 |

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

| COMMENTS AND RECOMMENDATIONS | |
|------------------------------|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Service Engineer





POTABLE WATER ANALYSIS REPORT

| | | | |
|--|--|-----------------------|--------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 13-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - HQ |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L 36 Pantry |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------------|---------------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.61 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 251 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 163 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.10 |
| 7 | Calcium Hardness at 25°C | 200 | 48 |
| 8 | Total Hardness at 25°C | 300 | 53 |

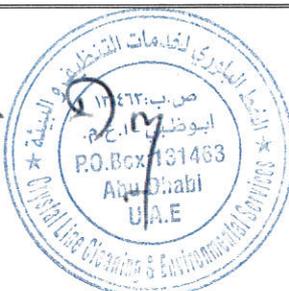
| Inorganic Chemical Parameters | | | |
|--------------------------------------|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 33 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

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

| COMMENTS AND RECOMMENDATIONS | |
|-------------------------------------|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Service Engineer



POTABLE WATER ANALYSIS REPORT

| | | | |
|--|---|-----------------------|--------------------|
| Client Name: SERCO, MIDDLE EAST | | | |
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA - CAR PARKING |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | B3 - Mess Hall |

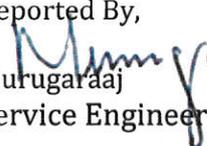
| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.69 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 247 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 160 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 - 0.5 | 0.12 |
| 7 | Calcium Hardness at 25°C | 200 | 53 |
| 8 | Total Hardness at 25°C | 300 | 64 |

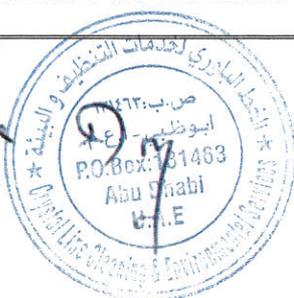
| Inorganic Chemical Parameters | | | |
|-------------------------------|-----------|-----------|-------|
| 1 | Sulphate | Max 250.0 | <10 |
| 2 | Chlorides | Max 250.0 | 42 |
| 3 | Iron | Max 0.2 | <0.05 |
| 4 | Copper | Max 1.0 | <0.05 |
| 5 | Zinc | Max 5.0 | <0.05 |
| 6 | Nitrate | Max 50.0 | <1.0 |
| 7 | Nitrite | Max 3.0 | <0.05 |
| 8 | potassium | Max 12.0 | <5.0 |
| 9 | Aluminium | Max 0.2 | <0.05 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

 Murugaraaj
 Service Engineer



POTABLE WATER ANALYSIS REPORT

Client Name: SERCO, MIDDLE EAST

| | | | |
|----------------------|--|-----------------------|-------------------------------|
| Site location | Abu Dhabi Investment Authority, Abu Dhabi | Service Visit: | 14-09-2020 |
| Sampled By | Crystalline Rep | Location | ADIA – CAR PARKING |
| Sample Type | Potable Water (Cold Outlet) | Sample Point | L1- Driver Shower Room |

| | Parameter | Control Limits | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C | 7.0 - 9.2 | 7.69 |
| 2 | Conductivity at 25°C, µs/cm | ---- | 256 |
| 3 | Total Dissolved Solids (TDS) | Max 1000 | 166 |
| 4 | Odor | Unobjectionable | ND |
| 5 | Turbidity (including suspended solids) | 4.0 | <1.0 |
| 6 | Residual Chlorine | 0.2 – 0.5 | 0.13 |
| 7 | Calcium Hardness at 25°C | 200 | 54 |
| 8 | 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 |

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

COMMENTS AND RECOMMENDATIONS

| | |
|---|--|
| 1 | PH, Conductivity & TDS levels are normal. |
| 2 | Residual chlorine level is low – Please maintain the desired control limit |
| 3 | Calcium hardness and Total Hardness levels are satisfactory. |
| 4 | All inorganic parameters are within the control limit. |

Reported By,

Murugaraaj
Murugaraaj
Service Engineer

