



**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5114



|                       |  |                     |                            |
|-----------------------|--|---------------------|----------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5021         |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                  |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                    |
| Sample Certificate No | : 0138   | Sampling Method     | : APHA 9060 A&B            |
| Temperature °C        | : 28.2   | Site Observation    | : Clear                    |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Clinic Cold Water Outlet |
| Sampling Point        | : Basement   | Preservation        | : 4-8°C                    |
| Sample Description    | : Water  |                     |                            |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 |
| JY      | 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**

Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5121



|                       |   |                     |                               |
|-----------------------|---|---------------------|-------------------------------|
| Request No.           | : WA-Q-L-2003-0872  | Sample No.          | : WA-S-L-2003-5029            |
| Sampling Date/time    | : 15/3/2020 , 20:10                                       | Report Date.        | : 21/3/2020                   |
| Analysis Start Date.  | : 15/3/2020   | Analysis End Date.  | : 18/3/2020                   |
| Sample Location.      | : ADIA-Abu Dhabi Investment<br>Authorities, Head Quarters | Sampled By          | : Shoukth                     |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                       |
| Sample Certificate No | : 0138  | Sampling Method     | : APHA 9060 A&B               |
| Temperature °C        | : 29.4  | Site Observation    | : Clear                       |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : Shower Cold Water<br>Outlet |
| Sampling Point        | : Basement  | Preservation        | : 4-8°C                       |
| Sample Description    | : Water   |                     |                               |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | --            |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | --            |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 500CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | --            |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | --            |

Note : Not Detected=<1CFU

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

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

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

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

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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5125



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5033              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Kitchen Tap Cold Water Outlet |
| Sampling Point        | : Mezzanine Floor                                      | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | Zero/100ml    |

Note : Not Detected=<1CFU

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

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

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

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

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5128

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5036              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 25.5   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 16th Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | Zero/100ml    |

Note : Not Detected=<1CFU

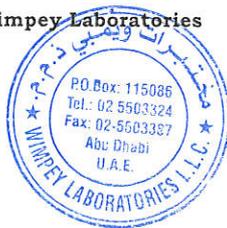
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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Microbiology Test Report

Customer Details

Report No. WA-R-L-2003-5130

Crystalline Environmental Services



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5038              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 25.8   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing B, Pantry Cold Tap Water |
| Sampling Point        | : 16th Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.

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

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

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Senior Microbiologist



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**Microbiology Test Report**

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Report No. WA-R-L-2003-5131

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5039              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing B, Pantry Cold Tap Water |
| Sampling Point        | : 31st Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | Zero/100ml    |

Note : Not Detected=<1CFU

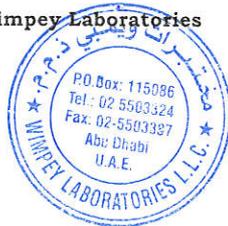
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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**Microbiology Test Report**

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**Crystalline Environmental Services**

Report No. WA-R-L-2003-5133



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5041              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 18/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 24.4   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 32nd Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.**

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

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

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5134

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5042              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 25   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 33rd Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.**

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

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

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Report No. WA-R-L-2003-5135

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5043              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 25.9   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 34th Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.**

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

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

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**Microbiology Test Report**

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**Crystalline Environmental Services**

Report No. WA-R-L-2003-5136



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5044              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 24.9   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 35th Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | Zero/100ml    |

Note : Not Detected=<1CFU

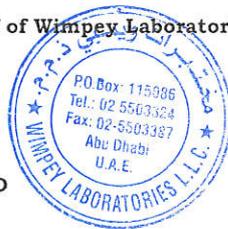
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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Microbiology Test Report

Customer Details

Crystalline Environmental Services

Report No. WA-R-L-2003-5137



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5045              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 36th Floor   | Preservation        | : 4-8°C                         |
| Sample Description    | : Water  |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | CFU/100ml | Not Detected | Zero/100ml    |

Note : Not Detected=<1CFU

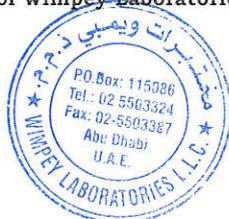
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

|         |             |                  |
|---------|-------------|------------------|
| Analyst | Reviewed By | Method Variation |
| JY      | 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

Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5138



|                       |  |                     |   |
|-----------------------|--|---------------------|---|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5046                      |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020                             |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020                             |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                               |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                                 |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B                         |
| Temperature °C        | : 25.9   | Site Observation    | : Clear                                 |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Shower Room Cold Water Outlet |
| Sampling Point        | : 36th Floor   | Preservation        | : 4-8°C                                 |
| Sample Description    | : Water  |                     |   |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.**

| Analyst | Reviewed By | Method Variation |
|---------|-------------|------------------|
| JY      | 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**  
Senior Microbiologist



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**Microbiology Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5141



|                       |  |                     |                          |
|-----------------------|--|---------------------|--------------------------|
| Request No.           | : WA-Q-L-2003-0872                                     | Sample No.          | : WA-S-L-2003-5049       |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 21/3/2020              |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 18/3/2020              |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                  |
| Sample Certificate No | : 0139   | Sampling Method     | : APHA 9060 A&B          |
| Temperature °C        | : 38.9   | Sampling Container  | : Sterile Plastic Bottle |
| Source of Sample      | : Roof Water Tank                                      | Sampling Point      | : 37th Floor             |
| Preservation          | : 4-8°C  | Sample Description  | : Water                  |
| Senders Ref. Number   | : N/A  |                     |                          |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 result of the sample is found to be satisfactory within the specified limit.

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

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

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**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5144



|                       |  |                     |                            |
|-----------------------|--|---------------------|----------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5052         |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                  |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                    |
| Sample Certificate No | : 0138   | Sampling Method     | : BS 7592                  |
| Temperature °C        | : 29.4   | Site Observation    | : Clear                    |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Shower Cold Water Outlet |
| Sampling Point        | : Basement   | Preservation        | : 10°C                     |
| Sample Description    | : Water  |                     |                            |

| Parameters | Test Methods | Units | Results      | Specification |
|------------|--------------|-------|--------------|---------------|
| Legionella | ISO 11731    | CFU/L | Not Detected | <1CFU/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.

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 |
| JY      | SM          | None             |

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

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**  
Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5142

**Crystalline Environmental Services**



|                       |   |                     |                               |
|-----------------------|---|---------------------|-------------------------------|
| Request No.           | : WA-Q-L-2003-0873  | Sample No.          | : WA-S-L-2003-5050            |
| Sampling Date/time    | : 15/3/2020 , 20:10                                       | Report Date.        | : 25/3/2020                   |
| Analysis Start Date.  | : 15/3/2020   | Analysis End Date.  | : 25/3/2020                   |
| Sample Location.      | : ADIA-Abu Dhabi Investment<br>Authorities, Head Quarters | Sampled By          | : Shoukth                     |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                       |
| Sample Certificate No | : 0138  | Sampling Method     | : BS 7592                     |
| Temperature °C        | : 28.2  | Site Observation    | : Clear                       |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : Clinic Cold Water<br>Outlet |
| Sampling Point        | : Basement  | Preservation        | : 10°C                        |
| Sample Description    | : Water   |                     |                               |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D.**

Senior Microbiologist

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Legionella Test Report

Customer Details

Report No. WA-R-L-2003-5148

Crystalline Environmental Services



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5056              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Kitchen Tap Cold Water Outlet |
| Sampling Point        | : Mezzanine Floor                                      | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5151

**Crystalline Environmental Services**



|                       |   |                     |                                    |
|-----------------------|---|---------------------|------------------------------------|
| Request No.           | : WA-Q-L-2003-0873  | Sample No.          | : WA-S-L-2003-5059                 |
| Sampling Date/time    | : 15/3/2020 , 20:10                                       | Report Date.        | : 25/3/2020                        |
| Analysis Start Date.  | : 15/3/2020   | Analysis End Date.  | : 25/3/2020                        |
| Sample Location.      | : ADIA-Abu Dhabi Investment<br>Authorities, Head Quarters | Sampled By          | : Shoukth                          |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                            |
| Sample Certificate No | : 0138  | Sampling Method     | : BS 7592                          |
| Temperature °C        | : 25.5  | Site Observation    | : Clear                            |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : Wing A, Pantry Cold Tap<br>Water |
| Sampling Point        | : 16th Floor  | Preservation        | : 10°C                             |
| Sample Description    | : Water   |                     |                                    |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5153

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5061              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 25.8   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing B, Pantry Cold Tap Water |
| Sampling Point        | : 16th Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5154

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5062              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0138   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing B, Pantry Cold Tap Water |
| Sampling Point        | : 31st Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5156

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5064              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 24.4   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 32nd Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5157

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5065              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 25   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 33rd Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5158

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5066              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 26/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 25.9   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 34th Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

**Signed for and on behalf of Wimpey Laboratories**



**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5159

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5067              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 24.9   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 35th Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5160

**Crystalline Environmental Services**



|                       |  |                     |                                 |
|-----------------------|--|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5068              |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                     |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                     |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                       |
| Temperature °C        | : 26   | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Pantry Cold Tap Water |
| Sampling Point        | : 36th Floor   | Preservation        | : 10°C                          |
| Sample Description    | : Water  |                     |                                 |

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

Note : Limit of Detection=<1CFU/L

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

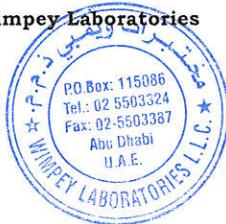
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5161

**Crystalline Environmental Services**



|                       |  |                     |  |
|-----------------------|--|---------------------|--|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5069                         |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020                                |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020                                |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth                                  |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water                                    |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592                                  |
| Temperature °C        | : 25.9   | Site Observation    | : Clear                                    |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Wing A, Shower Room<br>Cold Water Outlet |
| Sampling Point        | : 36th Floor   | Preservation        | : 10°C                                     |
| Sample Description    | : Water  |                     |  |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5204

**Crystalline Environmental Services**



|                       |   |                     |                          |
|-----------------------|---|---------------------|--------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5111       |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 21/3/2020              |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 19/3/2020              |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                  |
| Sample Certificate No | : 0140  | Sampling Method     | : APHA 9060 A&B          |
| Temperature °C        | : 28.4°C  | Site Observation    | : Clear                  |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Basement 3 - Mess Hall |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 4-8°C                  |
| Sample Description    | : Water   |                     |                          |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 |
| JY      | SM          | None             |

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

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Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5228

**Crystalline Environmental Services**



|                       |   |                     |                           |
|-----------------------|---|---------------------|---------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5135        |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 21/3/2020               |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 19/3/2020               |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                 |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                   |
| Sample Certificate No | : 0141  | Sampling Method     | : APHA 9060 A&B           |
| Temperature °C        | : 25.1°C  | Site Observation    | : Clear                   |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 01 - Drivers Room |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 4-8°C                   |
| Sample Description    | : Water   |                     |                           |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 |
| JY      | 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**

Senior Microbiologist



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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5238

**Crystalline Environmental Services**



|                       |   |                     |                                 |
|-----------------------|---|---------------------|---------------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5145              |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 21/3/2020                     |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 19/3/2020                     |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                       |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                         |
| Sample Certificate No | : 0141  | Sampling Method     | : APHA 9060 A&B                 |
| Temperature °C        | : 25.4°C  | Site Observation    | : Clear                         |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club Pantry |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 4-8°C                         |
| Sample Description    | : Water   |                     |                                 |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU, ml   | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 |
| JY      | 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**  
Senior Microbiologist



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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5242

**Crystalline Environmental Services**



|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5149                           |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 21/3/2020                                  |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 19/3/2020                                  |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                                    |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                                      |
| Sample Certificate No | : 0141  | Sampling Method     | : APHA 9060 A&B                              |
| Temperature °C        | : 36.4°C  | Site Observation    | : Clear                                      |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club<br>Male Shower Room |
| Sampling Point        | : Cold Outlet   | Preservation        | : 4-8°C                                      |
| Sample Description    | : Water   |                     |  |

| Parameters                 | Test Methods     | Units     | Results      | Specification |
|----------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli           | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms           | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophs : plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa     | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms            | APHA 9222 B      | 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 |
|---------|-------------|------------------|
| JY      | 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**

Senior Microbiologist

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**Microbiology Test Report**

**Customer Details**

Report No. WA-R-L-2003-5246

**Crystalline Environmental Services**



|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5153                             |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 21/3/2020                                    |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 19/3/2020                                    |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                                      |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water  |
| Sample Certificate No | : 0141  | Sampling Method     | : APHA 9060 A&B                                |
| Temperature °C        | : 24.4°C  | Site Observation    | : Clear  |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club<br>Female Shower Room |
| Sampling Point        | : Cold Outlet   | Preservation        | : 4-8°C  |
| Sample Description    | : Water   |                     |  |

| Parameters                | Test Methods     | Units     | Results      | Specification |
|---------------------------|------------------|-----------|--------------|---------------|
| Escherichia Coli          | APHA 9222 B,H& I | CFU/100ml | Not Detected | Zero/100ml    |
| Faecal Coliforms          | APHA 9222 D      | CFU/100ml | Not Detected | Zero/100ml    |
| Heterotrophic plate count | APHA 9215 B      | CFU/ml    | Not Detected | 100CFU/ml     |
| Pseudomonas aeruginosa    | CCFRA 2.5.2      | CFU/250ml | Not Detected | Zero          |
| Total Coliforms           | APHA 9222 B      | 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 |
| JY      | SM          | None             |

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

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Legionella Test Report

Customer Details

Report No. WA-R-L-2003-5205

Crystalline Environmental Services



|                       |   |                     |                          |
|-----------------------|---|---------------------|--------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5112       |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 26/3/2020              |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 26/3/2020              |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                  |
| Sample Certificate No | : 0140  | Sampling Method     | : BS 7592                |
| Temperature °C        | : 28.4°C  | Site Observation    | : Clear                  |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Basement 3 - Mess Hall |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 10°C                   |
| Sample Description    | : Water   |                     |                          |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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Dr. Suresh Murugan Ph.D  
Senior Microbiologist



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**Legionella Test Report**

Report No. WA-R-L-2003-5229

**Customer Details**

**Crystalline Environmental Services**



|                       |   |                     |                           |
|-----------------------|---|---------------------|---------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5136        |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 26/3/2020               |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 26/3/2020               |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                 |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                   |
| Sample Certificate No | : 0141  | Sampling Method     | : BS 7592                 |
| Temperature °C        | : 25.1°C  | Site Observation    | : Clear                   |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 01 - Drivers Room |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 10°C                    |
| Sample Description    | : Water   |                     |                           |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5241



|                       |   |                     |                                    |
|-----------------------|---|---------------------|------------------------------------|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5148                 |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 26/3/2020                        |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 26/3/2020                        |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                          |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                            |
| Sample Certificate No | : 0141  | Sampling Method     | : BS 7592                          |
| Temperature °C        | : 39.4°C  | Site Observation    | : Clear                            |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club<br>Pantry |
| Sampling Point        | : Cold Water Outlet                                     | Preservation        | : 10°C                             |
| Sample Description    | : Water   |                     |                                    |

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

Note : Limit of Detection= $<1$ CFU/L

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

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

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

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

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

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5243

**Crystalline Environmental Services**



|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5150                           |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 26/3/2020                                  |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 26/3/2020                                  |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                                    |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water                                      |
| Sample Certificate No | : 0141  | Sampling Method     | : BS 7592                                    |
| Temperature °C        | : 36.4°C  | Site Observation    | : Clear                                      |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club<br>Male Shower Room |
| Sampling Point        | : Cold Outlet   | Preservation        | : 10°C                                       |
| Sample Description    | : Water   |                     |  |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Senior Microbiologist

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**Legionella Test Report**

**Customer Details**

**Crystalline Environmental Services**

Report No. WA-R-L-2003-5247



|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Request No.           | : WA-Q-L-2003-0877                                      | Sample No.          | : WA-S-L-2003-5154                             |
| Sampling Date/time    | : 16/3/2020 , 19:05                                     | Report Date.        | : 26/3/2020                                    |
| Analysis Start Date.  | : 16/3/2020   | Analysis End Date.  | : 26/3/2020                                    |
| Sample Location.      | : ADIA (Abu Dhabi Investment Authorities) - Car Parking | Sampled By          | : Shoukth                                      |
| Sample Identification | : Not Applicable  | Sample Submitted as | : Water  |
| Sample Certificate No | : 0141  | Sampling Method     | : BS 7592                                      |
| Temperature °C        | : 24.4°C  | Site Observation    | : Clear  |
| Sampling Container    | : Sterile Plastic Bottle                                | Source of Sample    | : Level 06 - Health Club<br>Female Shower Room |
| Sampling Point        | : Cold Outlet   | Preservation        | : 10°C   |
| Sample Description    | : Water   |                     |  |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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**Legionella Test Report**

**Customer Details**

Report No. WA-R-L-2003-5164

**Crystalline Environmental Services**



|                       |  |                     |                    |
|-----------------------|--|---------------------|--------------------|
| Request No.           | : WA-Q-L-2003-0873                                     | Sample No.          | : WA-S-L-2003-5072 |
| Sampling Date/time    | : 15/3/2020 , 20:10                                    | Report Date.        | : 25/3/2020        |
| Analysis Start Date.  | : 15/3/2020  | Analysis End Date.  | : 25/3/2020        |
| Sample Location.      | : ADIA-Abu Dhabi Investment Authorities, Head Quarters | Sampled By          | : Shoukth          |
| Sample Identification | : Not Applicable                                       | Sample Submitted as | : Water            |
| Sample Certificate No | : 0139   | Sampling Method     | : BS 7592          |
| Temperature °C        | : 38.9   | Site Observation    | : Clear            |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Roof Water Tank  |
| Sampling Point        | : 37th Floor   | Preservation        | : 10°C             |
| Sample Description    | : Water  |                     |                    |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

**Signed for and on behalf of Wimpey Laboratories**

**Dr. Suresh Murugan Ph.D**

Senior Microbiologist



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## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |  |                       |                          |
|----------------------|--|-----------------------|--------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-03-2020</b>        |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>         |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>Basement – Clinic</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.89         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 195          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 126          |
| 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             | 49           |
| 8 | Total Hardness at 25°C                 | 300             | 54           |

### 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



**CLEANER WATER GREENER TOMORROW**

## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |  |                       |                             |
|----------------------|--|-----------------------|-----------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-03-2020</b>           |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>            |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>Basement Shower Room</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.69         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 193          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 125          |
| 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             | 58           |

### 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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**

|                      |  |                       |                                   |
|----------------------|--|-----------------------|-----------------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-03-2020</b>                 |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>                  |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>HQ Mezzanine Floor-Kitchen</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.84         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 184          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 119          |
| 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             | 52           |
| 8 | Total Hardness at 25°C                 | 300             | 57           |

### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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

|  |   |                       |                  |
|--|---|-----------------------|------------------|
| <b>Client Name: SERCO, MIDDLE EAST</b> |   |                       |                  |
| <b>Site location</b>                   | Abu Dhabi Investment Authority, Abu Dhabi | <b>Service Visit:</b> | 15-03-2020       |
| <b>Sampled By</b>                      | Crystalline Rep                           | <b>Location</b>       | ADIA - HQ        |
| <b>Sample Type</b>                     | Potable Water (Cold Outlet)               | <b>Sample Point</b>   | Wing 16 A Pantry |

|   | Parameter                                     | Control Limits  | Test Results |
|---|---|-----------------|--------------|
| 1 | pH at 25°C                                    | 7.0 - 9.2       | 7.74         |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | ----            | 187          |
| 3 | Total Dissolved Solids (TDS)                  | Max 1000        | 121          |
| 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             | 59           |

### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 43    |
| 3 | Iron      | Max 0.2   | <0.05 |
| 4 | Copper    | Max 1.0   | <0.05 |
| 5 | Zinc      | Max 5.0   | <0.05 |
| 6 | Nitrate   | Max 50.0  | <1.0  |
| 7 | Nitrite   | Max 3.0   | <0.05 |
| 8 | potassium | Max 12.0  | <5.0  |
| 9 | Aluminium | Max 0.2   | <0.05 |

\*\*\* All test results expressed in parts per million (ppm) as  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



CLEANER WATER GREENER TOMORROW



## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |  |                       |                         |
|----------------------|--|-----------------------|-------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-03-2020</b>       |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>        |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>Wing 31 B Pantry</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.69         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 187          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 121          |
| 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             | 56           |

### 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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**

|                      |  |                       |                         |
|----------------------|--|-----------------------|-------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-02-2020</b>       |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>        |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>L 36 Shower Room</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.94         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 196          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 127          |
| 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             | 48           |
| 8 | Total Hardness at 25°C                 | 300             | 52           |

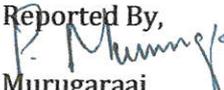
### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 45    |
| 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



**CLEANER WATER GREENER TOMORROW**

## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |  |                       |                    |
|----------------------|--|-----------------------|--------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>15-03-2020</b>  |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - HQ</b>   |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>L 36 Pantry</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.89         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 192          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 125          |
| 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             | 49           |
| 8 | Total Hardness at 25°C                 | 300             | 56           |

### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 46    |
| 3 | Iron      | Max 0.2   | <0.05 |
| 4 | Copper    | Max 1.0   | <0.05 |
| 5 | Zinc      | Max 5.0   | <0.05 |
| 6 | Nitrate   | Max 50.0  | <1.0  |
| 7 | Nitrite   | Max 3.0   | <0.05 |
| 8 | potassium | Max 12.0  | <5.0  |
| 9 | Aluminium | Max 0.2   | <0.05 |

\*\*\* All test results expressed in parts per million (ppm) as CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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: | 16-03-2020         |
| 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       | 7.96         |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | ----            | 194          |
| 3 | Total Dissolved Solids (TDS)                  | Max 1000        | 126          |
| 4 | Odor  | Unobjectionable | ND           |
| 5 | Turbidity (including suspended solids)        | 4.0             | <1.0         |
| 6 | Residual Chlorine                             | 0.2 - 0.5       | 0.09         |
| 7 | Calcium Hardness at 25°C                      | 200             | 52           |
| 8 | Total Hardness at 25°C                        | 300             | 59           |

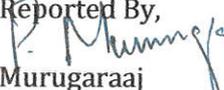
### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 51    |
| 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  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



CLEANER WATER GREENER TOMORROW

## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |  |                       |                               |
|----------------------|--|-----------------------|-------------------------------|
| <b>Site location</b> | <b>Abu Dhabi Investment Authority, Abu Dhabi</b> | <b>Service Visit:</b> | <b>16-03-2020</b>             |
| <b>Sampled By</b>    | <b>Crystalline Rep</b>                           | <b>Location</b>       | <b>ADIA - CAR PARKING</b>     |
| <b>Sample Type</b>   | <b>Potable Water (Cold Outlet)</b>               | <b>Sample Point</b>   | <b>L1- Driver Shower Room</b> |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 8.13         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 214          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 139          |
| 4 | Odor                                   | Unobjectionable | ND           |
| 5 | Turbidity (including suspended solids) | 4.0             | <1.0         |
| 6 | Residual Chlorine                      | 0.2 - 0.5       | 0.09         |
| 7 | Calcium Hardness at 25°C               | 200             | 49           |
| 8 | Total Hardness at 25°C                 | 300             | 53           |

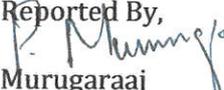
### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 45    |
| 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



**CLEANER WATER GREENER TOMORROW**

## POTABLE WATER ANALYSIS REPORT

**Client Name: SERCO, MIDDLE EAST**

|                      |   |                       |                           |
|----------------------|---|-----------------------|---------------------------|
| <b>Site location</b> | Abu Dhabi Investment Authority, Abu Dhabi | <b>Service Visit:</b> | 16-03-2020                |
| <b>Sampled By</b>    | Crystalline Rep                           | <b>Location</b>       | ADIA - Car Parking        |
| <b>Sample Type</b>   | Potable Water (Cold Outlet)               | <b>Sample Point</b>   | Health Club-Female Shower |

|   | Parameter                                     | Control Limits  | Test Results |
|---|---|-----------------|--------------|
| 1 | pH at 25°C                                    | 7.0 - 9.2       | 7.84         |
| 2 | Conductivity at 25°C, $\mu\text{s}/\text{cm}$ | ----            | 216          |
| 3 | Total Dissolved Solids (TDS)                  | Max 1000        | 140          |
| 4 | Odor  | Unobjectionable | ND           |
| 5 | Turbidity (including suspended solids)        | 4.0             | <1.0         |
| 6 | Residual Chlorine                             | 0.2 - 0.5       | 0.09         |
| 7 | Calcium Hardness at 25°C                      | 200             | 53           |
| 8 | Total Hardness at 25°C                        | 300             | 56           |

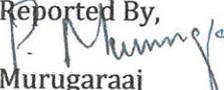
### Inorganic Chemical Parameters

|   |           |           |       |
|---|-----------|-----------|-------|
| 1 | Sulphate  | Max 250.0 | <10   |
| 2 | Chlorides | Max 250.0 | 34    |
| 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  $\text{CaCO}_3$  except pH and conductivity ( $\mu\text{mhos}$ ).

### COMMENTS AND RECOMMENDATIONS

|   |   |
|---|---|
| 1 | PH, Conductivity & TDS levels are normal  |
| 2 | Residual chlorine level is low, kindly maintain the level with in the 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



CLEANER WATER GREENER TOMORROW

## POTABLE WATER ANALYSIS REPORT

|  |   |                       |                          |
|--|---|-----------------------|--------------------------|
| <b>Client Name: SERCO, MIDDLE EAST</b> |   |                       |                          |
| <b>Site location</b>                   | Abu Dhabi Investment Authority, Abu Dhabi | <b>Service Visit:</b> | 16-03-2020               |
| <b>Sampled By</b>                      | Crystalline Rep                           | <b>Location</b>       | ADIA - Car Parking       |
| <b>Sample Type</b>                     | Potable Water (Cold Outlet)               | <b>Sample Point</b>   | Health Club- Male Shower |

|   | Parameter                              | Control Limits  | Test Results |
|---|--|-----------------|--------------|
| 1 | pH at 25°C                             | 7.0 - 9.2       | 7.89         |
| 2 | Conductivity at 25°C, µs/cm            | ----            | 199          |
| 3 | Total Dissolved Solids (TDS)           | Max 1000        | 129          |
| 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             | 56           |
| 8 | Total Hardness at 25°C                 | 300             | 60           |

### 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 CaCO<sub>3</sub> except pH and conductivity (µmhos).

### COMMENTS AND RECOMMENDATIONS

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

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