



**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29200



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28584

|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 16/12/2020                                 |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 15/12/2020                                 |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                 |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                      |
| Sample Certificate No | : Not Given   | Sampling Method     | : APHA 9060 A&B                              |
| Temperature °C        | : 30  | Site Observation    | : Clear                                      |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : 37th Floor – Plant Room<br>Roof Water Tank |
| Sampling Point        | : Tank  | Preservation        | : 4-8°C                                      |
| Sample Description    | : Water   |                     |  |

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

Note : Not Detected= $\leq$ 1CFU

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29202



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28586

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 16/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 15/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : APHA 9060 A&B                             |
| Temperature °C        | : 33  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 05 |
| Sampling Point        | : Tank  | Preservation        | : 4-8°C                                     |
| Sample Description    | : Water   |                     |   |

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

Note : Not Detected=<1CFU

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Microbiology Test Report**

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**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29204



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28588

|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 16/12/2020                             |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 15/12/2020                             |
| Sample Location.      | : Abu Dhabi Investment Authorities (ADIA) – Head Quarters | Sampled By          | : Amin ullah                             |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                  |
| Sample Certificate No | : Not Given   | Sampling Method     | : APHA 9060 A&B                          |
| Temperature °C        | : 31  | Site Observation    | : Clear                                  |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : External Pump Room – Water Tank No# 07 |
| Sampling Point        | : Tank  | Preservation        | : 4-8°C                                  |
| Sample Description    | : Water   |                     |  |

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

Note : Not Detected=<1CFU

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

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

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

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

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**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department

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**Microbiology Test Report**

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

Report No. WA-R-L-2012-29205



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28589

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 16/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 15/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : APHA 9060 A&B                             |
| Temperature °C        | : 33  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 08 |
| Sampling Point        | : Tank  | Preservation        | : 4-8°C                                     |
| Sample Description    | : Water   |                     |   |

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

Note : Not Detected=<1CFU

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

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

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

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

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Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29229



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28613

|                       |   |                     |  |
|-----------------------|---|---------------------|--|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 24/12/2020                                 |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 23/12/2020                                 |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                 |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                      |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                                    |
| Temperature °C        | : 30  | Site Observation    | : Clear                                      |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : 37th Floor – Plant Room<br>Roof Water Tank |
| Sampling Point        | : Tank  | Preservation        | : 10°C                                       |
| Sample Description    | : Water   |                     |  |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29231



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28615

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 24/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 23/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                                   |
| Temperature °C        | : 33  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 05 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                                      |
| Sample Description    | : Water   |                     |   |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29232



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28616

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 24/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 23/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                                   |
| Temperature °C        | : 32  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 06 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                                      |
| Sample Description    | : Water   |                     |   |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29233



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28617

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 24/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 23/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                                   |
| Temperature °C        | : 31  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 07 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                                      |
| Sample Description    | : Water   |                     |   |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29234



Request No. : WA-Q-L-2012-04153

Sample No. : WA-S-L-2012-28618

|                       |   |                     |   |
|-----------------------|---|---------------------|---|
| Sampling Date         | : 13/12/2020  | Report Date.        | : 24/12/2020                                |
| Analysis Start Date.  | : 13/12/2020  | Analysis End Date.  | : 23/12/2020                                |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) – Head<br>Quarters | Sampled By          | : Amin ullah                                |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                                     |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                                   |
| Temperature °C        | : 33  | Site Observation    | : Clear                                     |
| Sampling Container    | : Sterile Plastic Bottle  | Source of Sample    | : External Pump Room –<br>Water Tank No# 08 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                                      |
| Sample Description    | : Water   |                     |   |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29519



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28880

|                       |  |                     |                  |
|-----------------------|--|---------------------|------------------|
| Sampling Date         | : 16/12/2020   | Report Date.        | : 20/12/2020     |
| Analysis Start Date.  | : 16/12/2020   | Analysis End Date.  | : 19/12/2020     |
| Sample Location.      | : Abu Dhabi Investment Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah     |
| Sample Identification | : Not Given  | Sample Submitted as | : Water          |
| Sample Certificate No | : Not Given  | Sampling Method     | : APHA 9060 A&B  |
| Temperature °C        | : 34   | Site Observation    | : Clear          |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : RCC Water tank |
| Sampling Point        | : Tank   | Preservation        | : 4-8°C          |
| Sample Description    | : Water  |                     |                  |

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

Note : Not Detected=<1CFU

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

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

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

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

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**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Microbiology Test Report**

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**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29520



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28881

|                       |  |                     |                                   |
|-----------------------|--|---------------------|-----------------------------------|
| Sampling Date         | : 16/12/2020   | Report Date.        | : 20/12/2020                      |
| Analysis Start Date.  | : 16/12/2020   | Analysis End Date.  | : 19/12/2020                      |
| Sample Location.      | : Abu Dhabi Investment Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah                      |
| Sample Identification | : Not Given  | Sample Submitted as | : Water                           |
| Sample Certificate No | : Not Given  | Sampling Method     | : APHA 9060 A&B                   |
| Temperature °C        | : 31   | Site Observation    | : Clear                           |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Basement 03 GRP Water Tank # 04 |
| Sampling Point        | : Tank   | Preservation        | : 4-8°C                           |
| Sample Description    | : Water  |                     |                                   |

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

Note : Not Detected=<1CFU

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**  
Head of Microbiology Department



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**Microbiology Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29521



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28882

|                       |  |                     |                                   |
|-----------------------|--|---------------------|-----------------------------------|
| Sampling Date         | : 16/12/2020   | Report Date.        | : 20/12/2020                      |
| Analysis Start Date.  | : 16/12/2020   | Analysis End Date.  | : 19/12/2020                      |
| Sample Location.      | : Abu Dhabi Investment Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah                      |
| Sample Identification | : Not Given  | Sample Submitted as | : Water                           |
| Sample Certificate No | : Not Given  | Sampling Method     | : APHA 9060 A&B                   |
| Temperature °C        | : 33   | Site Observation    | : Clear                           |
| Sampling Container    | : Sterile Plastic Bottle                               | Source of Sample    | : Basement 03 GRP Water Tank # 05 |
| Sampling Point        | : Tank   | Preservation        | : 4-8°C                           |
| Sample Description    | : Water  |                     |                                   |

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

Note : Not Detected=<1CFU

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29538



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28899

|                       |   |                     |                  |
|-----------------------|---|---------------------|------------------|
| Sampling Date         | : 16/12/2020  | Report Date.        | : 26/12/2020     |
| Analysis Start Date.  | : 16/12/2020  | Analysis End Date.  | : 26/12/2020     |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah     |
| Sample Identification | : Not Given   | Sample Submitted as | : Water          |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592        |
| Temperature °C        | : 34  | Site Observation    | : Clear          |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : RCC Water tank |
| Sampling Point        | : Tank  | Preservation        | : 10°C           |
| Sample Description    | : Water   |                     |                  |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department



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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29539



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28900

|                       |   |                     |                                      |
|-----------------------|---|---------------------|--------------------------------------|
| Sampling Date         | : 16/12/2020  | Report Date.        | : 26/12/2020                         |
| Analysis Start Date.  | : 16/12/2020  | Analysis End Date.  | : 26/12/2020                         |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah                         |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                              |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                            |
| Temperature °C        | : 31  | Site Observation    | : Clear                              |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : Basement 03 GRP<br>Water Tank # 04 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                               |
| Sample Description    | : Water   |                     |                                      |

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

Note : Limit of Detection=<1CFU/L

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

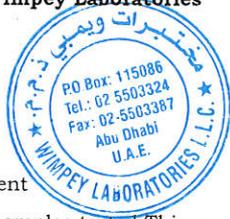
Limits based on RSB Water Quality Regulation 2014. Schedule 1. Table F For Microbiological Parameters.

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

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

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

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



**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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**Legionella Test Report**

**Customer Details**

**Crystalline Cleaning & Environmental Services**

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

Report No. WA-R-L-2012-29540



Request No. : WA-Q-L-2012-04195

Sample No. : WA-S-L-2012-28901

|                       |   |                     |                                      |
|-----------------------|---|---------------------|--------------------------------------|
| Sampling Date         | : 16/12/2020  | Report Date.        | : 26/12/2020                         |
| Analysis Start Date.  | : 16/12/2020  | Analysis End Date.  | : 26/12/2020                         |
| Sample Location.      | : Abu Dhabi Investment<br>Authorities (ADIA) -Car Parking | Sampled By          | : Amin ullah                         |
| Sample Identification | : Not Given   | Sample Submitted as | : Water                              |
| Sample Certificate No | : Not Given   | Sampling Method     | : BS 7592                            |
| Temperature °C        | : 33  | Site Observation    | : Clear                              |
| Sampling Container    | : Sterile Plastic Bottle                                  | Source of Sample    | : Basement 03 GRP<br>Water Tank # 05 |
| Sampling Point        | : Tank  | Preservation        | : 10°C                               |
| Sample Description    | : Water   |                     |                                      |

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

Note : Limit of Detection=<1CFU/L

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

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

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

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

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

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

**Dr. Suresh Murugan Ph.D**

Head of Microbiology Department

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