



Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-20307



Request No. : WA-Q-L-2009-03009

Sample No. : WA-S-L-2009-19479

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 17/09/2020 | Report Date. | : 20/09/2020 |
| Analysis Start Date. | : 17/09/2020 | Analysis End Date. | : 19/09/2020 |
| Sample Location. | : Al Ghadeer | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2064 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 30.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Swimming Pool Water |
| Sampling Point | : Clubhouse | 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 | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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-Campden Chorleywood Food Research Association-

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18615



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17897

| | | | |
|-----------------------|----------------------------|---------------------|---------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : N/A | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Breeze Club House |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Dr. Suresh Murugan Ph.D

Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18607



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17889

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 30.7 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Waha Pool |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100mi | Not Detected | -- |
| 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 | 1090CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18606



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17888

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Sabl Pool |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Head of Microbiology Department



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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18608



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17890

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 32.7 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 3 |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Head of Microbiology Department

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Microbiology Test Report

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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18609



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17891

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 27 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 4A |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Microbiology Test Report

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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18610



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17892

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 4C |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Celliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18611



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17893

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 31 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 5A |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18612



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17894

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 36 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 5B |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

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Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-20306



Request No. : WA-Q-L-2009-03009

Sample No. : WA-S-L-2009-19478

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 17/09/2020 | Report Date. | : 20/09/2020 |
| Analysis Start Date. | : 17/09/2020 | Analysis End Date. | : 19/09/2020 |
| Sample Location. | : Al Ghadeer | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2064 | Sampling Method | : APHA 9060 A&B |
| Temperature °C | : 31.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Swimming Pool Water |
| Sampling Point | : 5C Pool | 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 | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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-Campden Chorleywood Food Research Association.

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Head of Microbiology Department



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Microbiology Test Report

Customer Details

Report No. WA-R-L-2009-18613

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17895

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 29 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 6B |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected=<1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Microbiology Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18614



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17896

| | | | |
|-----------------------|----------------------------|---------------------|-------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 05/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 04/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : APHA 9060 A & B |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Glass Bottle | Source of Sample | : Zone 7B |
| Sampling Point | : Not Given | Preservation | : 4-8°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|---------------------------|--------------------------------|-----------|--------------|---------------|
| Escherichia Coli | APHA 9222 B,H& I 23rd Ed. 2017 | CFU/100ml | Not Detected | -- |
| 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 | 1000CFU/ml |
| Pseudomonas aeruginosa | CCFRA 2.5.2 5th Ed. 2007 | CFU/250ml | Not Detected | Zero/100ml |
| Total Coliforms | APHA 9222 B 23rd Ed. 2017 | CFU/100ml | Not Detected | Zero/100ml |

Note : Not Detected= \leq 1CFU

Limit based on: Guide to the Executive Regulations of Law No.(2) for the year of 2012 (Swimming Pool), Issued by the Head of Urban Planning and Municipalities No.(3) for the year 2018, Page No.3.

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

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

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-20309



Request No. : WA-Q-L-2009-03009

Sample No. : WA-S-L-2009-19481

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 17/09/2020 | Report Date. | : 28/09/2020 |
| Analysis Start Date. | : 17/09/2020 | Analysis End Date. | : 27/09/2020 |
| Sample Location. | : Al Ghadeer | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2064 | Sampling Method | : BS 7592 |
| Temperature °C | : 30.2°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Swimming Pool Water |
| Sampling Point | : Clubhouse | 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 limit.

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

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

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18625



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17907

| | | | |
|-----------------------|----------------------------|---------------------|---------------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : N/A | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Breeze Club House |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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.

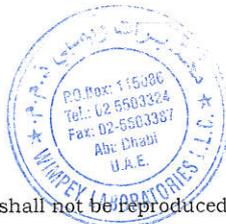
Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

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

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Wimpey Laboratories LLC

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Tel: +971 2 5503324, Fax: +971 2 5503387



Testing - NAL 034

Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18617



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17899

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 30.7 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Waha Pool |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18616



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17898

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Sabl Pool |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18618



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17900

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 32.7 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 3 |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18619



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17901

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 27 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 4A |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18620



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17902

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 4C |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

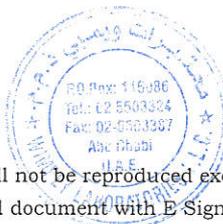
Key Words :CFU-Colony Forming Unit; BS-British Standard; ISO-International Organization for Standardization.

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18621



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17903

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 31 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 5A |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18622



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17904

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 36 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 5B |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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.

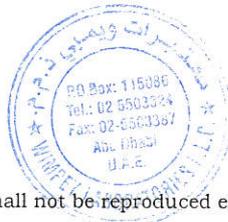
Remarks :The tested result of the sample is found to be satisfactory within the specified limits.

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

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D
Head of Microbiology Department



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Legionella Test Report

Customer Details

Report No. WA-R-L-2009-20308

Crystalline Cleaning & Environmental Services

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



Request No. : WA-Q-L-2009-03009

Sample No. : WA-S-L-2009-19480

| | | | |
|-----------------------|--------------------------|---------------------|-----------------------|
| Sampling Date | : 17/09/2020 | Report Date. | : 28/09/2020 |
| Analysis Start Date. | : 17/09/2020 | Analysis End Date. | : 27/09/2020 |
| Sample Location. | : Al Ghadeer | Sampled By | : Shoukth |
| Sample Identification | : Not Applicable | Sample Submitted as | : Water |
| Sample Certificate No | : 2064 | Sampling Method | : BS 7592 |
| Temperature °C | : 31.1°C | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Swimming Pool Water |
| Sampling Point | : 5C Pool | 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 limit.

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

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

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18623



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17905

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 29 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 6B |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected= <1 CFU/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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories



Dr. Suresh Murugan Ph.D

Head of Microbiology Department

Test results relate only to the samples tested.This report shall not be reproduced except in full, without the written approval of the Laboratory. This is a LIMS software generated document with E Signature.

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Legionella Test Report

Customer Details

Crystalline Cleaning & Environmental Services

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

Report No. WA-R-L-2009-18624



Request No. : WA-Q-L-2009-02814

Sample No. : WA-S-L-2009-17906

| | | | |
|-----------------------|----------------------------|---------------------|--------------|
| Sampling Date | : 02/09/2020 | Report Date. | : 13/09/2020 |
| Analysis Start Date. | : 02/09/2020 | Analysis End Date. | : 12/09/2020 |
| Sample Location. | : Al Ghadeer Project (AUH) | Sampled By | : Amin ullah |
| Sample Identification | : Not Given | Sample Submitted as | : Water |
| Sample Certificate No | : 1783 | Sampling Method | : BS 7592 |
| Temperature °C | : 30 | Site Observation | : Clear |
| Sampling Container | : Sterile Plastic Bottle | Source of Sample | : Zone 7B |
| Sampling Point | : Not Given | Preservation | : 10°C |
| Sample Description | : Pool Water | | |

| Parameters | Test Methods | Units | Results | Specification |
|------------|-----------------|-------|--------------|---------------|
| Legionella | ISO 11731: 2017 | CFU/L | Not Detected | <1CFU/L |

Note : Not Detected=<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 |
|---------|-------------|------------------|
| HS | SM | None |

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

Signed for and on behalf of Wimpey Laboratories

Dr. Suresh Murugan Ph.D

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