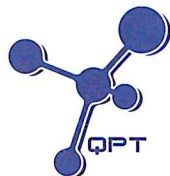


Appendix F Water Quality Equipment Calibration Certificate



專業化驗有限公司
QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong
Email: info@qualityprotest.com; Website: www.qualityprotest.com
Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA100064
Date of Issue : 02 November 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit C, 11/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : HORIBA U-53 Multi Parameters
Manufacturer : HORIBA
Serial Number : S2A98W8H
Date of Received : Oct 26, 2021
Date of Calibration : Oct 26, 2021
Date of Next Calibration^(a) : Jan 25, 2022

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

| Parameter | Reference Method |
|------------------|--|
| pH at 25°C | APHA 21e 4500-H ⁺ B |
| Dissolved Oxygen | APHA 21e 4500-O G |
| Salinity | APHA 21e 2520 B |
| Turbidity | APHA 21e 2130 B |
| Temperature | Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure. |

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

| Target (pH unit) | Displayed Reading ^(d) (pH Unit) | Tolerance ^(e) (pH Unit) | Results |
|------------------|--|------------------------------------|--------------|
| 4.00 | 4.03 | 0.03 | Satisfactory |
| 7.42 | 7.46 | 0.04 | Satisfactory |
| 10.01 | 10.19 | 0.18 | Satisfactory |

Tolerance of pH should be less than ±0.20 (pH unit)

(2) Temperature

| Reading of Ref. thermometer (°C) | Displayed Reading (°C) | Tolerance (°C) | Results |
|----------------------------------|------------------------|----------------|--------------|
| 16 | 16.24 | 0.24 | Satisfactory |
| 25 | 25.10 | 0.10 | Satisfactory |
| 33 | 32.95 | -0.05 | Satisfactory |

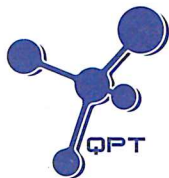
Tolerance limit of temperature should be less than ±2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

- ^(a) The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.
^(b) The results relate only to the calibrated equipment as received
^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

LEE Chun-ning
Senior Chemist



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : BA100064
Date of Issue : 02 November 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

| Expected Reading (mg/L) | Displayed Reading (mg/L) | Tolerance (mg/L) | Results |
|-------------------------|--------------------------|------------------|--------------|
| 2.96 | 3.30 | 0.34 | Satisfactory |
| 3.41 | 3.76 | 0.35 | Satisfactory |
| 4.87 | 5.12 | 0.25 | Satisfactory |
| 7.92 | 8.00 | 0.08 | Satisfactory |

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

| Expected Reading (g/L) | Displayed Reading (g/L) | Tolerance (%) | Results |
|------------------------|-------------------------|---------------|--------------|
| 10 | 10.47 | 4.70 | Satisfactory |
| 20 | 21.32 | 6.60 | Satisfactory |
| 30 | 32.20 | 7.33 | Satisfactory |

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

| Expected Reading (NTU) | Displayed Reading ^(f) (NTU) | Tolerance ^(g) (%) | Results |
|------------------------|--|------------------------------|--------------|
| 0 | 0.30 | -- | Satisfactory |
| 10 | 10.8 | 8.0 | Satisfactory |
| 20 | 21.8 | 9.0 | Satisfactory |
| 100 | 109 | 9.0 | Satisfactory |
| 800 | 790 | -1.3 | Satisfactory |

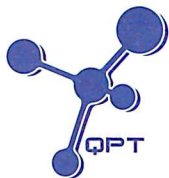
Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : R-BA110031
Date of Issue : 25 November 2021
Page No. : 1 of 2

PART A – CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit E, 12/F, Ford Glory Plaza
37-39 Wing Hong Street
Cheung Sha Wan, Kowloon, Hong Kong
Attn: Mr. Nelson TSUI

PART B – DESCRIPTION

Name of Equipment : Multi Water Quality Checker U-53
Manufacturer : Horiba
Serial Number : PPHNOMXY
Date of Received : 24 November 2021
Date of Calibration : 24 November 2021
Date of Next Calibration^(a) : 23 February 2022

PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

| Parameter | Reference Method |
|------------------|--|
| pH at 25°C | APHA 21e 4500-H ⁺ B |
| Dissolved Oxygen | APHA 21e 4500-O G |
| Salinity | APHA 21e 2520 B |
| Turbidity | APHA 21e 2130 B |
| Temperature | Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure. |

PART D – CALIBRATION RESULTS^(b,c)

(1) pH at 25°C

| Target (pH unit) | Displayed Reading ^(d) (pH Unit) | Tolerance ^(e) (pH Unit) | Results |
|------------------|--|------------------------------------|--------------|
| 4.00 | 4.08 | 0.06 | Satisfactory |
| 7.42 | 7.52 | 0.10 | Satisfactory |
| 10.01 | 10.02 | 0.01 | Satisfactory |

Tolerance of pH should be less than ± 0.20 (pH unit)

(2) Temperature


| Reading of Ref. thermometer (°C) | Displayed Reading (°C) | Tolerance (°C) | Results |
|----------------------------------|------------------------|----------------|--------------|
| 15.0 | 15.21 | 0.3 | Satisfactory |
| 20.5 | 20.50 | 0.0 | Satisfactory |
| 32.0 | 31.80 | -0.2 | Satisfactory |

Tolerance limit of temperature should be less than ± 2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

Remark(s): -

- ^(a) The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.
^(b) The results relate only to the calibrated equipment as received
^(c) The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
^(d) "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
^(e) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.


LEE Chun-ning
Senior Chemist



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : R-BA110031
Date of Issue : 25 November 2021
Page No. : 2 of 2

PART D – CALIBRATION RESULTS (Cont'd)

(3) Dissolved Oxygen

| Expected Reading (mg/L) | Displayed Reading (mg/L) | Tolerance (mg/L) | Results |
|-------------------------|--------------------------|------------------|--------------|
| 9.62 | 9.27 | -0.35 | Satisfactory |
| 5.89 | 5.60 | -0.11 | Satisfactory |
| 3.27 | 3.59 | 0.32 | Satisfactory |
| 0.53 | 0.96 | 0.46 | Satisfactory |

Tolerance limit of dissolved oxygen should be less than ± 0.50 (mg/L)

(4) Salinity

| Expected Reading (g/L) | Displayed Reading (g/L) | Tolerance (%) | Results |
|------------------------|-------------------------|---------------|--------------|
| 10 | 10.05 | 0.50 | Satisfactory |
| 20 | 20.61 | 3.05 | Satisfactory |
| 30 | 31.66 | 5.53 | Satisfactory |

Tolerance limit of salinity should be less than ± 10.0 (%)

(5) Turbidity

| Expected Reading (NTU) | Displayed Reading ^(f) (NTU) | Tolerance ^(g) (%) | Results |
|------------------------|--|------------------------------|--------------|
| 0 | 0.23 | -- | Satisfactory |
| 10 | 11.0 | 10.0 | Satisfactory |
| 20 | 20.4 | 2.0 | Satisfactory |
| 100 | 102 | 2.0 | Satisfactory |
| 800 | 808 | 1.0 | Satisfactory |

Tolerance limit of turbidity should be less than ± 10.0 (%)

~ END OF REPORT ~

Remark(s): -

^(f) "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

^(g) The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



專業化驗有限公司
QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong
Email: info@qualityprotest.com; Website: www.qualityprotest.com
Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BA120081
Date of Issue : 16 December 2021
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Acuity Sustainability Consulting Limited
Unit E, 12/F, Ford Glory Plaza 37-39 Wing
Hong Street, Cheung Sha Wan
Kowloon (HK) Hong Kong
Attn :

PART B - SAMPLE INFORMATION

Name of Equipment : HORIBA U-53
Manufacturer : HORIBA
Serial Number : NEKVM2XU
Date of Received : 09 December 2021
Date of Calibration : 15 December 2021
Date of Next Calibration : 14 March 2022

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

| <u>Test Parameter</u> | <u>Reference Method</u> |
|-----------------------|---|
| pH value | APHA 21e 4500 H+ |
| Temperature | Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure |
| Dissolved oxygen | APHA 21e 4500 O |
| Salinity | APHA 21e 2520B |
| Turbidity | APHA 21e 2130B |

PART D - CALIBRATION RESULT

(1) pH value

| TARGET (PH UNIT) | DISPLAY READING | TOLERANCE | RESULT |
|--------------------|-----------------|-----------|--------------|
| 4.00 | 3.99 | -0.01 | Satisfactory |
| 7.42 | 7.22 | -0.20 | Satisfactory |
| 10.01 | 9.81 | -0.20 | Satisfactory |

Tolerance of pH value should be less than ± 0.2 (pH unit)

(2) Temperature

| READING OF REF. THERMOMETER (°C) | DISPLAY READING (°C) | TOLERANCE (°C) | RESULT |
|------------------------------------|------------------------|------------------|--------------|
| 16 | 16.30 | 0.30 | Satisfactory |
| 22 | 22.00 | 0.00 | Satisfactory |
| 34 | 33.38 | -0.62 | Satisfactory |

Tolerance of Temperature should be less than ± 2.0 (°C)

(3) Dissolved oxygen

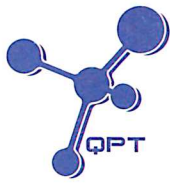
| EXPECTED READING (MG/L) | DISPLAY READING (MG/L) | TOLERANCE (MG/L) | RESULT |
|---------------------------|--------------------------|--------------------|--------------|
| 8.39 | 8.17 | -0.22 | Satisfactory |
| 6.59 | 6.79 | 0.20 | Satisfactory |

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED
SIGNATORY:


Lee Chun-ning

Assistant Manager (Chemical Testing)



專業化驗有限公司
QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong
Email: info@qualityprotest.com; Website: www.qualityprotest.com
Tel: (852) 3956 8717; Fax: (852) 3956 3928

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BA120081
Date of Issue : 16 December 2021
Page No. : 2 of 2

| EXPECTED READING (MG/L) | DISPLAY READING (MG/L) | TOLERANCE (MG/L) | RESULT |
|---------------------------|--------------------------|--------------------|--------------|
| 5.96 | 6.10 | 0.14 | Satisfactory |
| 2.21 | 1.76 | -0.45 | Satisfactory |

Tolerance of Dissolved oxygen should be less than ± 0.5 (mg/L)

(4) Salinity

| EXPECTED READING (G/L) | DISPLAY READING (G/L) | TOLERANCE (%) | RESULT |
|--------------------------|-------------------------|-----------------|--------------|
| 10 | 9.69 | -3.10 | Satisfactory |
| 20 | 20.50 | 2.50 | Satisfactory |
| 30 | 31.18 | 3.93 | Satisfactory |

Tolerance of Salinity should be less than ± 10.0 (%)

(5) Turbidity

| EXPECTED READING (NTU) | DISPLAY READING (NTU) | TOLERANCE (%) | RESULT |
|--------------------------|-------------------------|-----------------|--------------|
| 0 | 0.17 | -- | Satisfactory |
| 10 | 9.90 | -1.0 | Satisfactory |
| 20 | 19.7 | -1.5 | Satisfactory |
| 100 | 104 | 4.0 | Satisfactory |
| 800 | 796 | -0.5 | Satisfactory |

Tolerance of Turbidity should be less than ± 10.0 (%)

Remark(s)

- The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted form relevant international standards.
- The results relate only to the calibrated equipment as received
- The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted form relevant international standards.

--- END OF REPORT ---