



ALS Technichem (HK) Pty Ltd

11/F., Chung Shun Knitting Centre,

1 - 3 Wing Yip Street,

Kwai Chung, N.T., Hong Kong

T: +852 2610 1044

F: +852 2610 2021

www.alsglobal.com

REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT: MR K.W. FAN
CLIENT: ENVIROTECH SERVICES CO.
ADDRESS: RM 712, 7/F, MY LOFT
9 HOI WING ROAD,
TUEN MUN, N.T. HK

WORK ORDER: HK2444040
SUB-BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 25-Oct-2024
DATE OF ISSUE: 12-Nov-2024

GENERAL COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

EQUIPMENT INFORMATION

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: Multifunctional Meter

Service Nature: Performance Check

Scope: Conductivity, Dissolved Oxygen, Turbidity, Salinity and Temperature

Brand Name/ Model No.: [HORIBA]/ [U-53]

Serial No./ Equipment No.: [KP23RRSM]/ [N/A]

Date of Calibration: 04-November-2024

Ms. Cheng Sin Ying, May
Senior Chemist - Inorganics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK2444040
SUB-BATCH: 0
DATE OF ISSUE: 12-Nov-2024
CLIENT: ENVIROTECH SERVICES CO.

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [HORIBA]/ [U-53]
Serial No./ Equipment No.: [KP23RRSM]/ [N/A]
Date of Calibration: 04-November-2024 Date of Next Calibration: 04-February-2025

PARAMETERS:

Conductivity

Method Ref: APHA (23rd edition), 2510B

| Expected Reading ($\mu\text{S}/\text{cm}$) | Displayed Reading ($\mu\text{S}/\text{cm}$) | Tolerance (%) |
|--|---|---------------|
| 146.9 | 148 | +0.7 |
| 6667 | 6510 | -2.4 |
| 12890 | 12600 | -2.2 |
| 58670 | 57900 | -1.3 |
| | Tolerance Limit (%) | ± 10.0 |

Dissolved Oxygen

Method Ref: APHA (23rd edition), 4500O: G

| Expected Reading (mg/L) | Displayed Reading (mg/L) | Tolerance (mg/L) |
|-------------------------|--------------------------|------------------|
| 2.18 | 2.29 | +0.11 |
| 5.45 | 5.40 | -0.05 |
| 7.69 | 7.53 | -0.16 |
| | Tolerance Limit (mg/L) | ± 0.20 |

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

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DATE OF ISSUE: 12-Nov-2024
CLIENT: ENVIROTECH SERVICES CO.

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [HORIBA]/ [U-53]
Serial No./ Equipment No.: [KP23RRSM]/ [N/A]
Date of Calibration: 04-November-2024 Date of Next Calibration: 04-February-2025

PARAMETERS:

Turbidity

Method Ref: APHA (23rd edition), 2130B

| Expected Reading (NTU) | Displayed Reading (NTU) | Tolerance (%) |
|------------------------|-------------------------|---------------|
| 0 | 0.00 | -- |
| 4 | 3.94 | -1.5 |
| 40 | 38.3 | -4.3 |
| 80 | 82.8 | +3.5 |
| 400 | 383 | -4.3 |
| 800 | 793 | -0.9 |
| | Tolerance Limit (%) | ±10.0 |

Salinity

Method Ref: APHA (23rd edition), 2520B

| Expected Reading (ppt) | Displayed Reading (ppt) | Tolerance (%) |
|------------------------|-------------------------|---------------|
| 0 | 0.00 | -- |
| 10 | 9.55 | -4.5 |
| 20 | 19.28 | -3.6 |
| 30 | 29.09 | -3.0 |
| | Tolerance Limit (%) | ±10.0 |

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WORK ORDER: HK2444040
SUB-BATCH: 0
DATE OF ISSUE: 12-Nov-2024
CLIENT: ENVIROTECH SERVICES CO.

Equipment Type: Multifunctional Meter
Brand Name/ Model No.: [HORIBA]/ [U-53]
Serial No./ Equipment No.: [KP23RRSM]/ [N/A]
Date of Calibration: 04-November-2024 Date of Next Calibration: 04-February-2025

PARAMETERS:

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

| Expected Reading (°C) | Displayed Reading (°C) | Tolerance (°C) |
|-----------------------|------------------------|----------------|
| 10.0 | 11.24 | +1.2 |
| 20.0 | 19.73 | -0.3 |
| 39.0 | 37.50 | -1.5 |
| | Tolerance Limit (°C) | ±2.0 |

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TUEN MUN, N.T. HK

WORK ORDER: HK2452156
SUB-BATCH: 0
LABORATORY: HONG KONG
DATE RECEIVED: 16-Dec-2024
DATE OF ISSUE: 20-Dec-2024

GENERAL COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the laboratory or quoted from relevant international standards.

The "Next Calibration Date" is recommended according to best practice principle as practised by the laboratory or quoted from relevant international standards.

The validity of equipment/ meter performance only applies to the result(s) stated in the report.

This report superseded any previous report(s) with same work order number.

EQUIPMENT INFORMATION

Equipment information (Brand name, Model No., Serial No. and Equipment No.) is provided by client.

Equipment Type: pH meter
Service Nature: Performance Check
Scope: pH Value and Temperature
Brand Name/ Model No.: [LUTRON]/ [PH-208]
Serial No./ Equipment No.: [A005326]/ [N/A]
Date of Calibration: 19-December-2024

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Senior Chemist - Inorganics

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REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK2452156
SUB-BATCH: 0
DATE OF ISSUE: 20-Dec-2024
CLIENT: ENVIROTECH SERVICES CO.

Equipment Type: pH meter
Brand Name/ Model No.: [LUTRON]/ [PH-208]
Serial No./ Equipment No.: [A005326]/ [N/A]
Date of Calibration: 19-December-2024 Date of Next Calibration: 19-March-2025

PARAMETERS:

pH Value

Method Ref: APHA (23rd edition), 4500H: B

| Expected Reading (pH unit) | Displayed Reading (pH unit) | Tolerance (pH unit) |
|----------------------------|-----------------------------|---------------------|
| 4.0 | 3.94 | -0.06 |
| 7.0 | 7.00 | +0.00 |
| 10.0 | 9.99 | -0.01 |
| | Tolerance Limit (pH unit) | ±0.20 |

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

| Expected Reading (°C) | Displayed Reading (°C) | Tolerance (°C) |
|-----------------------|------------------------|----------------|
| 8.5 | 9.4 | +0.9 |
| 19.0 | 18.8 | -0.2 |
| 44.0 | 42.6 | -1.4 |
| | Tolerance Limit (°C) | ±2.0 |

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