



Enovative Environmental Service Limited

REPORT OF EQUIPMENT CALIBRATION

INSTRUMENT DESCRIPTION

It is certified that the item under calibration has been calibrated by corresponding calibrated High Volume Sampler and the filter paper is weighted by HOKLAS laboratory.

Instrument: Handheld TSP meter
Brand Name: TSI
Model No.: AM520
Serial No.: 5201735004
Date of Calibration: 04 October, 2024
Date of Next Calibration : 04 October, 2025

ISSUING ORGANISATION

Address

Enovative Environmental Service Limited
Flat 23, 6/F, Block C, Goldfield Industrial Centre
1 Sui Wo Road
Shatin, N.T.
Hong Kong

Phone: 852-2242 1020
Fax: 852-3691 9240
Email: info@eno.com.hk



Thomas

Mr Wong Siu Ho, Thomas
Manager



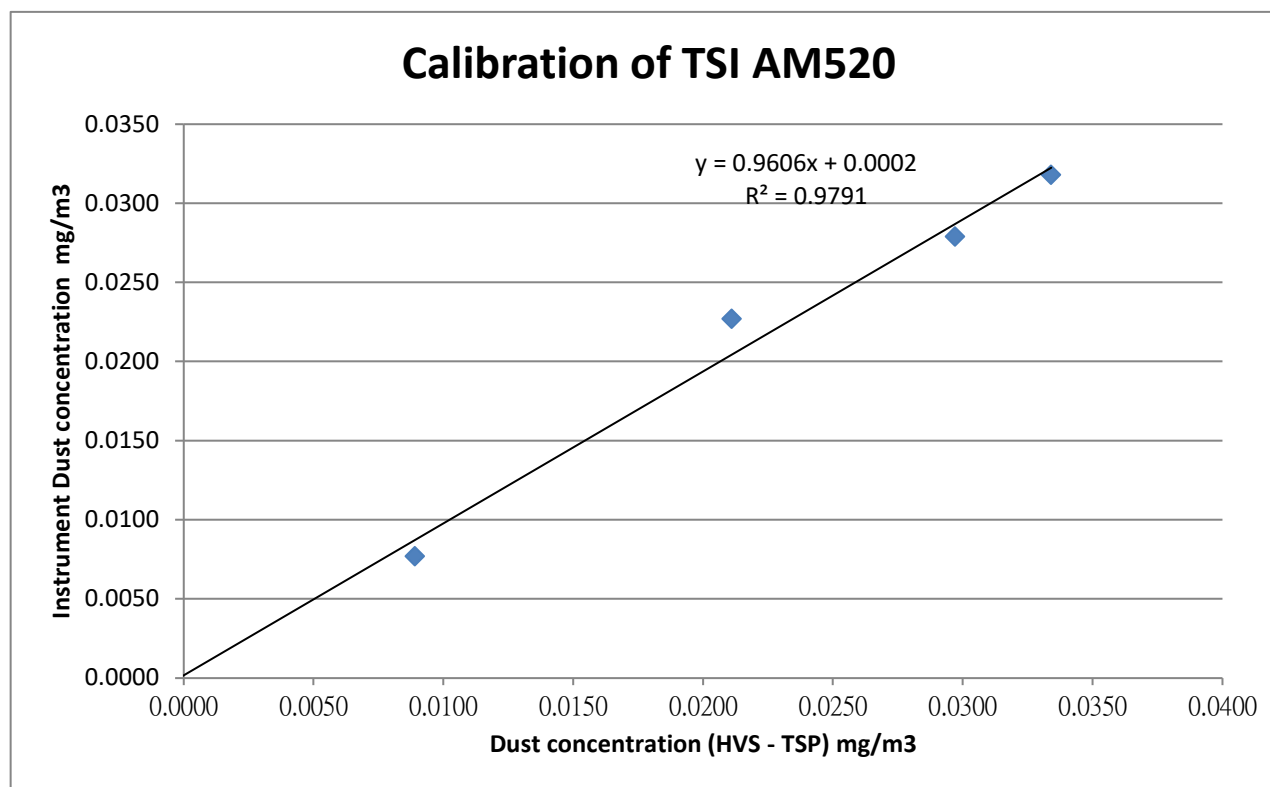
Enovative Environmental Service Limited

Brand Name: TSI
Model No.: AM520
Serial No.: 5201735004
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0318	0.0279	0.0077	0.0227

K Factor :	0.9606
Correlation Coefficient :	0.9791



*** Filter paper being used in the calibration : 209681, 209682, 209683, 209684
Those filter papers are weighted by HOKLAS laboratory (ALS Technichem (HK) Pty Ltd.)



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Mr Wong Siu Ho, Thomas
Manager



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Instrument: Handheld TSP meter
Brand Name: TSI
Model No.: AM520
Serial No.: 5201735006
Date of Calibration: 04 October, 2024
Date of Next Calibration : 04 October, 2025

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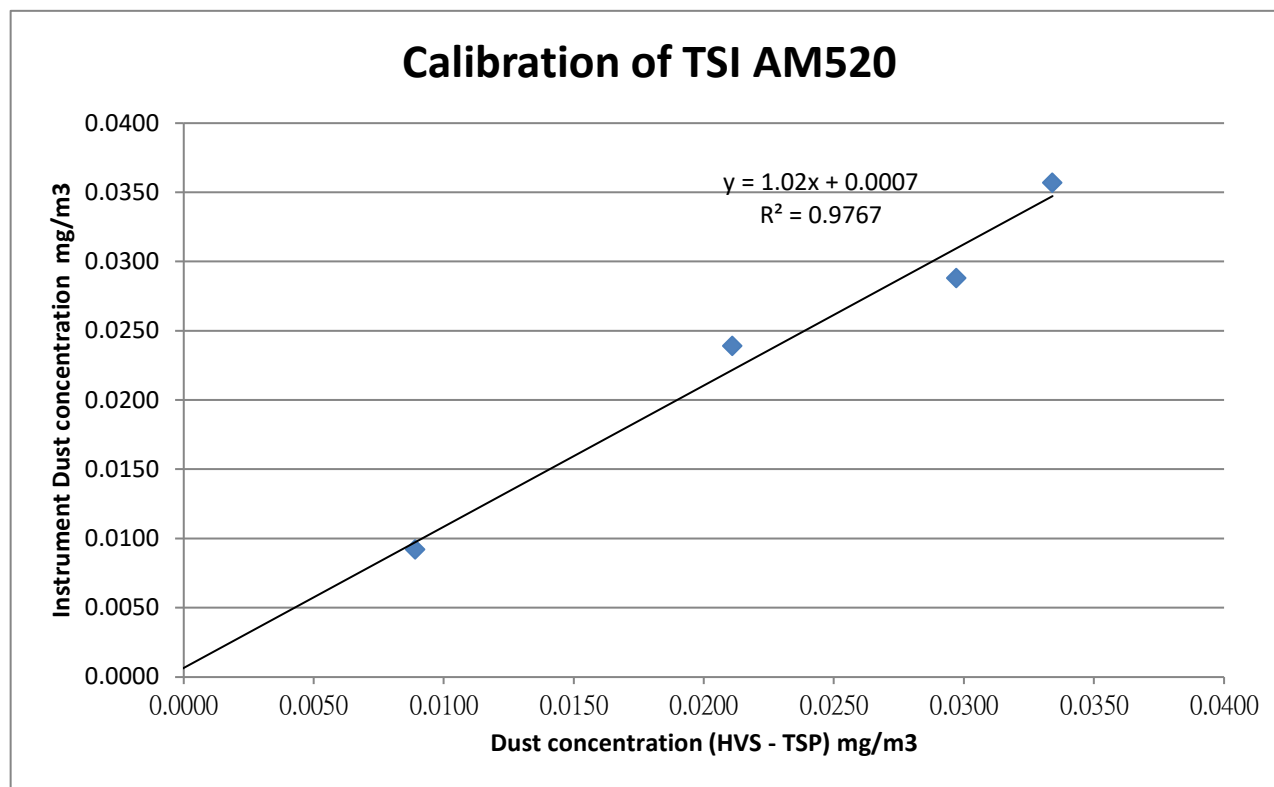
Enovative Environmental Service Limited

Brand Name: TSI
Model No.: AM520
Serial No.: 5201735006
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0357	0.0288	0.0092	0.0239

K Factor :	1.02
Correlation Coefficient :	0.9767



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REPORT OF EQUIPMENT CALIBRATION

INSTRUMENT DESCRIPTION

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Instrument: Handheld TSP meter
Brand Name: TSI
Model No.: AM520
Serial No.: 5202345003
Date of Calibration: 04 October, 2024
Date of Next Calibration : 04 October, 2025

ISSUING ORGANISATION

Address

Enovative Environmental Service Limited
Flat 23, 6/F, Block C, Goldfield Industrial Centre
1 Sui Wo Road
Shatin, N.T.
Hong Kong

Phone: 852-2242 1020
Fax: 852-3691 9240
Email: info@eno.com.hk



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Mr Wong Siu Ho, Thomas
Manager



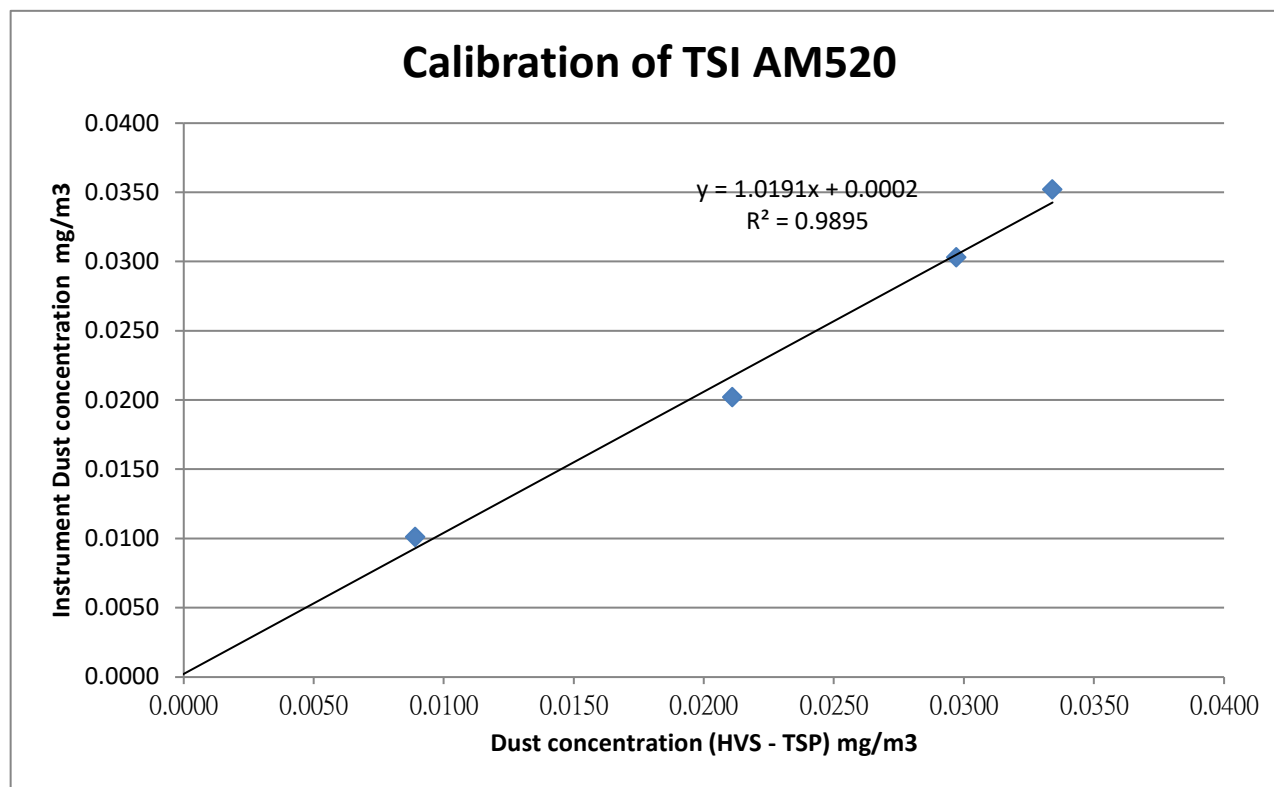
Enovative Environmental Service Limited

Brand Name: TSI
Model No.: AM520
Serial No.: 5202345003
HVS No.: A12-TSP-102
Date of Calibration: 04 October, 2024
Date of next Calibration: 04 October, 2025

Calibration Record

HVS - TSP (mg/m3)	0.0334	0.0297	0.0089	0.0211
TSI AM520 (mg/m3)	0.0352	0.0303	0.0101	0.0202

K Factor :	1.0191
Correlation Coefficient :	0.9895

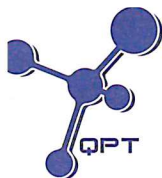


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Thomas

Mr Wong Siu Ho, Thomas
Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 5/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-BE040069
Date of Issue : 23 April 2025
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.
Flat 2207, Yu Fun House Yu Chui Court, Shatin
New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters
Manufacturer : YSI
Serial Number : 21G105356
Date of Received : 17 April 2025
Date of Calibration : 17 April 2025
Date of Next Calibration : 16 July 2025
Request No. : D-BE040069

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter	Reference Method
pH value	APHA 21e 4500-H ⁺ B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure
Salinity	APHA 21e 2520 B
Dissolved oxygen	APHA 23e 4500-O G (Membrane Electrode Method)
Turbidity	APHA 21e 2130 B (Nephelometric Method)
Conductivity	APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.01	0.01	Satisfactory
7.42	7.50	0.08	Satisfactory
10.01	10.07	0.06	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
40.0	40.0	0	Satisfactory
20.0	20.0	0	Satisfactory
10.0	10.0	0	Satisfactory

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

(3) Salinity

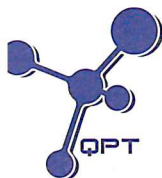
Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.09	0.90	Satisfactory
20	20.31	1.55	Satisfactory
30	30.92	3.07	Satisfactory

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

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AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager



專業化驗有限公司

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Unit 10, 5/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

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

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE040069

Date of Issue : 23 April 2025

Page No. : 2 of 2

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
8.16	8.38	0.22	Satisfactory
5.80	5.97	0.17	Satisfactory
2.81	2.94	0.13	Satisfactory
0.03	0.20	0.17	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.10	-	Satisfactory
10	9.82	-1.8	Satisfactory
20	18.82	-0.9	Satisfactory
100	96.94	-3.1	Satisfactory
800	809.74	1.2	Satisfactory

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

(6) Conductivity

Expected Reading ($\mu\text{S/cm}$ at 25°C)	Display Reading ($\mu\text{S/cm}$ at 25°C)	Tolerance (%)	Result
146.9	151.9	3.4	Satisfactory
1412	1550	9.8	Satisfactory
12890	13073	1.4	Satisfactory
58670	59726	1.8	Satisfactory
111900	114350	2.2	Satisfactory

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

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s): -

- The "Date of Next Calibration" is recommended according to best practice principles followed by QPT or relevant international standards.
- The results relate only to the calibrated equipment as received.
- The performance of the equipment stated in this report is checked using independent reference material, with results compared against a calibrated secondary source.
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- The "Tolerance Limit" mentioned is the acceptance criteria applicable to similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

--- END OF REPORT ---



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

REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE020058
Date of Issue : 20 February 2025
Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.
Flat 2207, Yu Fun House Yu Chui Court, Shatin
New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters
Manufacturer : YSI
Serial Number : S/N: 21K101469
Date of Received : 14 February 2025
Date of Calibration : 14 February 2025
Date of Next Calibration : 13 May 2025
Request No. : D-BE020058

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter	Reference Method
pH value	APHA 21e 4500-H ⁺ B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure
Salinity	APHA 21e 2520 B
Dissolved oxygen	APHA 23e 4500-O G (Membrane Electrode Method)
Turbidity	APHA 21e 2130 B (Nephelometric Method)
Conductivity	APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance	Result
4.00	4.09	0.09	Satisfactory
7.42	7.40	-0.02	Satisfactory
10.01	9.96	-0.05	Satisfactory

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

(2) Temperature

Reading of Ref. thermometer (°C)	Display Reading (°C)	Tolerance	Result
10.0	10.0	0.0	Satisfactory
20.0	20.0	0.0	Satisfactory
40.0	40.0	0.0	Satisfactory

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

(3) Salinity

Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.04	0.40	Satisfactory
20	20.10	0.50	Satisfactory
30	29.82	-0.60	Satisfactory

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

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AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager

**REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION**

Test Report No. : R-BE020058

Date of Issue : 20 February 2025

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(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance	Result
7.59	7.92	0.33	Satisfactory
4.05	4.18	0.13	Satisfactory
1.14	1.25	0.11	Satisfactory
0.01	0.19	0.18	Satisfactory

Tolerance of Dissolved oxygen should be less than ± 0.5 (mg/L)**(5) Turbidity**

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a)	Result
0	0.09	--	Satisfactory
10	9.94	-0.6	Satisfactory
20	21.16	5.8	Satisfactory
100	103.33	3.3	Satisfactory
800	812.82	1.6	Satisfactory

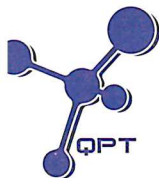
Tolerance of Turbidity should be less than ± 10.0 (%)**(6) Conductivity**

Expected Reading ($\mu\text{S}/\text{cm}$ at 25°C)	Display Reading	Tolerance (%)	Result
146.9	151.1	2.9	Satisfactory
1412	1541	9.1	Satisfactory
12890	13060	1.3	Satisfactory
58670	58772	0.2	Satisfactory
111900	114643	2.5	Satisfactory

Tolerance of Conductivity should be less than ± 10.0 (%)^(a) For 0 NTU, Display Reading should be less than 1 NTU**Remark(s)**

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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE040008

Date of Issue : 07 April 2025

Page No. : 1 of 2

PART A - CUSTOMER INFORMATION

Enovative Environmental Service Ltd.

Flat 2207, Yu Fun House Yu Chui Court, Shatin

New Territories (HK) Hong Kong

PART B - SAMPLE INFORMATION

Name of Equipment : YSI ProDSS Multi Parameters

Manufacturer : YSI

Serial Number : 24A102447

Date of Received : 03 April 2025

Date of Calibration : 03 April 2025

Date of Next Calibration : 02 July 2025

Request No. : D-BE040008

PART C - REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Test Parameter

pH value

Temperature

Salinity

Dissolved oxygen

Turbidity

Conductivity

Reference Method

APHA 21e 4500-H⁺ B

Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure

APHA 21e 2520 B

APHA 23e 4500-O G (Membrane Electrode Method)

APHA 21e 2130 B (Nephelometric Method)

APHA 21e 2510 B

PART D - CALIBRATION RESULT

(1) pH value

Target (pH unit)	Display Reading (pH unit)	Tolerance (pH unit)	Result
4.00	4.07	0.07	Satisfactory
7.42	7.43	0.01	Satisfactory
10.01	10.10	0.09	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
35.0	35.0	0	Satisfactory
20.0	20.0	0	Satisfactory
10.0	10.0	0	Satisfactory

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

(3) Salinity

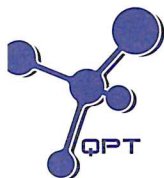
Expected Reading (g/L)	Display Reading (g/L)	Tolerance (%)	Result
10	10.08	0.8	Satisfactory
20	20.12	0.6	Satisfactory
30	30.18	0.6	Satisfactory

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

--- CONTINUED ON NEXT PAGE ---

AUTHORIZED
SIGNATORY:

FUNG Yuen-ching
Laboratory Manager



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REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Test Report No. : R-BE040008

Date of Issue : 07 April 2025

Page No. : 2 of 2

(4) Dissolved oxygen

Expected Reading (mg/L)	Display Reading (mg/L)	Tolerance (mg/L)	Result
9.26	9.10	-0.16	Satisfactory
6.80	6.71	-0.09	Satisfactory
4.01	3.97	-0.04	Satisfactory
0.02	0.15	0.13	Satisfactory

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

(5) Turbidity

Expected Reading (NTU)	Display Reading (NTU)	Tolerance ^(a) (%)	Result
0	0.05	-	Satisfactory
10	9.88	-1.2	Satisfactory
20	19.81	-0.95	Satisfactory
100	98.57	-1.43	Satisfactory
800	819.30	2.41	Satisfactory

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

(6) Conductivity

Expected Reading ($\mu\text{S/cm}$ at 25°C)	Display Reading ($\mu\text{S/cm}$ at 25°C)	Tolerance (%)	Result
146.9	149.2	1.6	Satisfactory
1412	1339	-5.2	Satisfactory
12890	12834	-4.0	Satisfactory
58670	59028	0.6	Satisfactory
111900	112998	1.0	Satisfactory

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

^(a) For 0 NTU, Display Reading should be less than 1 NTU

Remark(s)

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--- END OF REPORT ---



Hong Kong Accreditation Service
香港認可處

Certificate of Accreditation
認可證書

This is to certify that
特此證明

ALS TECHNICHEM (HK) PTY LIMITED

11/F, Chung Shun Knitting Centre, 1-3 Wing Yip Street, Kwai Chung, New Territories, Hong Kong
香港新界葵涌永業街1-3號忠信針織中心11樓

*is accredited by the Hong Kong Accreditation Service (HKAS) to ISO/IEC 17025:2017
for performing specific laboratory activities as listed in the scope of accreditation within the test category of*
獲香港認可處根據ISO/IEC 17025:2017認可
進行載於認可範圍內下述測試類別中的指定實驗所活動

Environmental Testing
環境測試

*This accreditation to ISO/IEC 17025:2017 demonstrates technical competence for a defined scope and
the implementation of a management system relevant to laboratory operation
(see joint IAF-ILAC-ISO Communiqué).*
此項 ISO/IEC 17025:2017 的認可資格證明此實驗所具備指定範疇內所須的技術能力並
實施一套與實驗所運作相關的管理體系
(見國際認可論壇、國際實驗所認可合作組織及國際標準化組織的聯合公報)。

The common seal of HKAS is affixed hereto by the authority of the HKAS Executive
現經香港認可處執行機關授權在此蓋上香港認可處的印章

SHUM Wai-leung, Executive Administrator
執行幹事 沈偉良
Issue Date : 28 February 2020
簽發日期：二零二零年二月二十八日

Registration Number : **HOKLAS 066**
註冊號碼：



Date of First Registration : 15 September 1995
首次註冊日期：一九九五年九月十五日