

ภาคผนวก จ

เอกสารสอบเทียบเครื่องมือที่ใช้ในการตรวจวิเคราะห์

List of Instrument Certificates for Environmental Quality Analysis

No.	Instrument/Equipment	Parameter	Manufacturer	Model/Serial No.	Calibrator	Certification No.	Date of Calibration	Due date of Calibration*
1	Analytical Balance	FAT OIL AND GREASE	Mettler Toledo	AB204-S/FACT / 1129361010	United Analyst and Engineering Consultant Co., Ltd.	260318-1-BL007-26	3/4/2026	2/4/2027
2	Analytical Balance	TOTAL SUSPENDED SOLIDS	Mettler Toledo	XSR205DU / C009071872	United Analyst and Engineering Consultant Co., Ltd. (UAE)	260311-2-BL002-26	12/3/2026	11/3/2027
3	DO/BOD Meter	BIOCHEMICAL OXYGEN DEMAND	YSI	4010-2W / 20260326	Technology Promotion Association (Thailand-Japan)✓	25TW213	22/10/2025	21/10/2026
4	Hot Air Oven	TOTAL SUSPENDED SOLIDS	Memmert	UF55 / B212.0411	National food institute ministry of Industry	2602300 001 01	11/3/2026	11/3/2027
5	pH Meter	pH	Horiba	LAQUA-PH210 / HA9M0047	technology promotion association (thailand-japan)	26CH231	26/2/2026	26/2/2027

Due Date of Calibration* : Based on the annual calibration plan. At least 1 time per year.



Certificate of Calibration

Certificate No.: 260318-1-BL007-26

Code No.: BL007-26

Page: 1 of 3

Customer Name: United Analyst and Engineering Consultant Co., Ltd.
Address: 3 Soi Udomsuk 41, Sukhumvit Rd., Bang Chak, Phrakhanong, Bangkok 10260

Equipment: Electronic Balance
Manufacturer: Mettler Toledo
Model: AB204-S/FACT
Serial No.: 1129361010
Asset No.: UAE.WAS.002/2552

Building: UAE No.3 Floor: 1 Room: 107

Received Date: April 2, 2026

Date of Calibration: April 3, 2026

Calibration Conditions: Temperature start 21.9 °C end 22.1 °C
Humidity start 60.6 % end 60.1 %
Pressure start 756.6 mmHg end 755.1 mmHg

Calibrated by: Thanachat Chatpachol

Approved by: Suwit Chotnok

Signature:

Issued Date: April 7, 2026

Note: 1) The Uncertainties are for a confidence probability of approximately 95%.

2) This Certificate is valid only to the item calibrated on date and place of calibration.

3) This Certificate is issued in accordance with the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory. This certificate may not be reproduced other than in full except with the prior written approval of the United Analyst and Engineering Consultant Co., Ltd. (UAE)

Equipment: Electronic Balance
Model: AB204-S/FACT
Serial No.: 1129361010
Max. Capacity: 220 g
Calibration Date: April 3, 2026
Condition At Received: In Condition

Manufacturer: Mettler Toledo
Readability: 0.0001 g
ID No.: UAE.WAS.002/2552

Condition of This Result of Calibration:

- Calibration Method: This instrument was calibrated by method UAF CP Cal 006 In-house Method based on UAS Lab 14-2022
 - Reference Standards: Standard Weight Class E2 (OIML) 1 mg to 1 kg
 - Model: C510641605
 - Serial No.: C510641605
 - Calibrated By: METTLER TO, EDO-GmbH
 - Certificate No.: C510641605
 - Traceability: Mettler Toledo
 - Due Date: 3 Mar 27
- Instrument: Thermo-Hygro Baro Meter Model: MH8 38250 Serial No.: A-C46437 Calibrated By: SUCCESS Certificate No.: SG-11-00592/68 Traceability: Success Gateway TPA Due Date: 26 Nov-26 18 Dec-26
- Thermo-Hygro Baro Meter Model: MH8 38250 Serial No.: A-C46437 Calibrated By: SUCCESS Certificate No.: 2374464
4. This certification is traceable to SI Unit
5. This certification has certified only for the instrument we calibrated
6. This result of calibration was found accurate as shown on date and place of calibration only.
7. Through the reference standard laboratory of Mettler-Toledo GmbH (C510641605, SAS accreditation number SGS 0632)

Calibration Result:

1. Repeatability of Reading

Nominal Value (g)	Standard Deviation of Reading (g)
200*	0.00010

2. Eccentric or off-center loading

A mass of 100 g was placed and moved to various position on pan.

The balance reading obtained is given in the table.

					
1 (g)	2 (g)	3 (g)	4 (g)	5 (g)	Maximum Difference (g)
100.0025	100.0022	100.0022	100.0029	100.0030	0.0005

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เอกสารไม่ควบคุม



Certificate No.: 260318-1-BL007-26

Code No.: BL007-26

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Equipment: Electronic Balance
Model: AB204-S/FACT
Serial No.: 1129361010
Max. Capacity: 220 g
Calibration Date: April 3, 2026

Manufacturer: Mettler Toledo
Readability: 0.0001 g
ID No.: UAE.WAS.002/2552

Calibration Result: (Continued)

Calibration Range: 0 - 200 g

Calibration Adjustment: Internal Calibration

3. Error of Indication from nominal or conventional mass values:

Nominal Value (g)	Reference Value (g)	Indication (g)	Correction (g)	Uncertainty (± mg)	Coverage Factor k
Unload	0.0000000	0.0000	0.0000	0.17	2.37
0.01	0.0100005	0.0099	0.0001	0.17	2.32
0.03	0.0300003	0.0299	0.0001	0.17	2.32
0.1	0.1000083	0.0999	0.0001	0.17	2.32
0.5	0.5000121	0.5000	0.0000	0.17	2.32
1.0	1.0000119	1.0000	0.0000	0.17	2.32
10.0	10.000033	10.0003	-0.0003	0.17	2.32
40.0	40.000054	40.0010	-0.0010	0.18	2.23
50.0	50.000037	50.0013	-0.0012	0.18	2.23
80.0	80.000098	80.0020	-0.0019	0.19	2.11
100.0	100.000042	100.0025	-0.0024	0.20	2.10
120.0	120.000018	120.0028	-0.0027	0.22	2.06
150.0	150.000079	150.0035	-0.0035	0.24	2.04
160.0	160.000112	160.0036	-0.0035	0.25	2.03
200.0	200.000146	200.0049	-0.0047	0.28	2.00

4. Effect of Tare test:

Tare Load (g)	Test Load (g)	Indication (g)	Correction (g)
100	20.000028	20.0004	-0.0003
	40.000054	40.0009	-0.0008
	60.000070	60.0013	-0.0012
	80.000098	80.0017	-0.0016
	100.000042	100.0021	-0.0021

Remarks:

The report uncertainty of measurement was based on standard uncertainty multiplied by coverage factor k, providing a level of confidence of approximately 95%.

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Certificate of Calibration

Certificate No: 260311-2-BL002-26

Code No: BL002-26

Page: 1 of 4

Customer Name: United Analyst and Engineering Consultant Co., Ltd.
Address: 3 Sol Udomsuk 41, Sukhumvit Rd., Bang Chak, Phrakhanong, Bangkok 10260

Equipment: Electronic Balance
Manufacturer: Mettler Toledo
Model: XSR205DU
Serial No.: C009071872
Asset No.: UAE.WAO.012/2563

Building: UAE number 3 Floor: 2 Room: 208

Received Date: March 11, 2026

Date of Calibration: March 12, 2026

Calibration Conditions: Temperature 23.8 °C to 24.1 °C
Humidity 50.0 % to 59.0 %
Pressure 755.5 mmHg to 755.6 mmHg

Calibrated by: Thanachat Chaipahol

Approved by: Suwit Chotnok

Signature:

Issued Date: March 16, 2026

Note: 1) The Uncertainty is for a confidence probability of approximately 95%

2) This Certificate is valid only to the item calibrated on date and place of calibration.

3) This Certificate is issued in accordance with the conditions of accreditation granted by the Thai Laboratory Accreditation Scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory. This certificate may not be reproduced other than in full except with the prior written approval of the United Analyst and Engineering Consultant Co., Ltd. (UAE)

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Certificate No: 260311-2-BL002-26

Code No: BL002-26

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Equipment: Electronic Balance
Model: XSR205DU
Serial No.: C009071872
Max. Capacity: 81 g / 220 g
Calibration Date: March 12, 2026

Calibration Result: (Continued)
Calibration Range: 0 to 80 (g)
Calibration Adjustment: Internal Calibration

3. Error of Indication from nominal or conventional mass value: (Range: 0 to 81 (g); Resolution: 0.0001 g)

Nominal Value (g)	Reference Value (g)	Indication (g)	Correction (g)	Uncertainty (± mg)	Coverage Factor k
Unload	0.0000000	0.0000	0.0000	0.015	2.25
0.001	0.0010020	0.0010	0.0000	0.015	2.23
0.005	0.0050025	0.0050	-0.0002	0.015	2.23
0.01	0.0100005	0.0100	-0.0002	0.015	2.23
0.05	0.0500003	0.0500	-0.0001	0.015	2.21
0.10	0.1000003	0.1000	-0.0001	0.015	2.20
0.50	0.5000121	0.5000	-0.0002	0.016	2.15
1	1.0000119	1.0000	0.0000	0.016	2.12
2	2.0000125	2.0000	-0.0001	0.017	2.09
5	5.0000146	5.0000	-0.0002	0.020	2.05
10	10.0000330	10.0001	-0.0002	0.023	2.00
20	20.0000228	20.0001	-0.0005	0.033	2.00
30	30.0000061	30.0001	-0.0004	0.051	2.00
40	40.0000054	40.0001	-0.0004	0.063	2.00
50	50.0000037	50.0001	-0.0005	0.064	2.00
60	60.0000070	60.0001	-0.0004	0.081	2.00
80	80.0000098	80.0001	-0.0003	0.11	2.00



Certificate No: 260311-2-BL002-26

Code No: BL002-26

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Equipment: Electronic Balance
Model: XSR205DU
Serial No.: C009071872
Max. Capacity: 81 g / 220 g
Calibration Date: March 12, 2026

Manufacturer: Mettler Toledo
Readability: 0 to 81 (g); 0.01 mg > 80 to 200 (g): 0.1 mg
ID No.: UAE.WAO.012/2563

Condition As-Received: In Condition

Condition of Equipment:

Condition of This Result of Calibration:

1. Calibration Method: This instrument was calibrated by method UAL CP CAL 016 In-House Method based on UNAS Lab 14: 2022

2. Reference Standards:

Reference Standards	Model	Serial No.	Calibrated By	Certificate No.	Traceability	Due Date
Standard Weight Class E2 (OIML)	1 mg to 1 kg	CS10641605	NETTLER TOE CO GmbH	CS10641605	Mettler Toledo GmbH	3-Mar-27
Standard Weight Class E2 (OIML)	1 mg to 1 kg	0749129122	ANVAR	25-009359	Mettler Toledo	21-Jan-27

Instruments	Model	Serial No.	Calibrated By	Certificate No.	Traceability	Due Date
Thermo Hygro Baro Meter	MH1-3825D	AK46457	SUCCESS	56-H-00452/168	Success Germany	26-Nov-26
Thermo Hygro Baro Meter	MH1-3825D	AK46457	TFA	25P4864	IPA	18-Dec-26

3. This certification is traceable to SI Unit

4. This certification was certified only for the instrument we calibrated

5. This result of calibration was found accurate as shown on date and place of calibration only.

6. Through the reference standard laboratory of Mettler-Toledo GmbH (CS10641605), SAS accreditation number SCS 0032

7. Through the reference standard laboratory of ANVAR 25-009359, ISO accreditation number 0132

Calibration Results:

1. Repeatability of Reading:

Nominal Value (g)	Standard Deviation of Reading (g)
20	0.000008
200 ¹	0.000045

2. Scientific or off-center loading

A mass of 100 g was placed and moved to various position on pan

The Balance reading obtained is given in the table:

					
1 (g)	2 (g)	3 (g)	4 (g)	5 (g)	Maximum Difference (g)
100.0000	100.0000	100.0000	100.0000	100.0000	0.0000

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Certificate No: 260311-2-BL002-26

Code No: BL002-26

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Equipment: Electronic Balance
Model: XSR205DU
Serial No.: C009071872
Max. Capacity: 81 g / 220 g
Calibration Date: March 12, 2026

Manufacturer: Mettler Toledo
Readability: 0 to 81 (g); 0.01 mg > 80 to 200 (g): 0.1 mg
ID No.: UAE.WAO.012/2563

Calibration Result: (Continued)

Calibration Range: > 80 to 230 (g)

Calibration Adjustment: Internal Calibration

3. Error of Indication from nominal or conventional mass value: (Range: > 80 to 200 (g); Resolution: 0.0001 g)

Nominal Value (g)	Reference Value (g)	Indication (g)	Correction (g)	Uncertainty (± mg)	Coverage Factor k
Unload	0.0000000	0.0000	0.0000	0.02	2.25
90	90.0000910	90.0000	0.0000	0.16	2.00
100	100.0000420	100.0000	0.0000	0.16	2.00
110	110.0000750	110.0000	0.0000	0.17	2.00
120	120.0000680	120.0000	0.0001	0.18	2.00
130	130.0001010	130.0000	0.0000	0.20	2.00
140	140.0000960	140.0000	0.0001	0.21	2.00
150	150.0000790	150.0003	0.0001	0.21	2.00
160	160.0001120	160.0005	0.0001	0.23	2.00
170	170.0001030	170.0003	-0.0002	0.24	2.00
200	200.0001460	200.0004	-0.0002	0.26	2.00

4. Effect of Tare test:

Tare Load (g)	Test Load (g)	Indication (g)	Correction (g)
100	20.000028	20.0000	0.0000
	40.000054	40.0002	-0.0001
	60.000070	60.0002	-0.0001
	80.000098	80.0002	-0.0001
	100.000042	100.0003	-0.0002

Remark:

The report uncertainty of measurement was based on standard uncertainty multiplied by coverage factor k=2, which gives a level of confidence of approximately 95%

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Cert.No.: 25TW213
Page.: 2 of 2

Condition of this result of calibration

1. Reference Standard Instruments :
This measurement result is traceable to the International System of Unit through the reference standards laboratory of Industrial Calibration Center, Technology Promotion Association (Thailand-Japan).

<u>Instruments</u>	<u>ID No.</u>	<u>Certificate No.</u>	<u>Due Date</u>
1. Burette	130BU10	25CG1126	18 Mar 2027
2. Balance	110RC001	25MM316	02 July 2026

2. Standard Material :-

<u>Material</u>	<u>Manufacturer</u>	<u>Lot.No.</u>	<u>Assay</u>
Sodium Thiosulfate 5-Hydrate AR	KEMAUS	2203162447	99.6%

Result : Dissolved Oxygen Meter Adjustment With Air 100 %
Dissolved Oxygen Probe No.: 22M102385

<u>Titration Method</u> (Azide Modification Method) (mg/L)	<u>DO Meter</u> <u>Reading</u> (mg/L)	<u>Standard Deviation</u> (mg/L)
8.22	8.31	0.0055

This report was certified only for the instrument we tested. It is allowable to use for study
Intend to use for advertising and referral purpose is prohibited. This report may not be reproduced
other in full, without written approval of the laboratory

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TECHNOLOGY PROMOTION ASSOCIATION (THAILAND-JAPAN)
CORPORATE SERVICES 3 : EQUIPMENT CALIBRATION AND TESTING SERVICES
53/44 PATTANAKARN ROAD SOI 18, SUANLUANG, SUANLUANG BANGKOK 10250
TEL. 0-2717-3000 FAX. 0-2719-9484

Certificate of Testing

Cert.No.: 25TW213
Page.: 1 of 2

Equipment : DO Meter
Manufacturer : YSI
Model : 4010-2W
Serial No. : 20260326
ID No. : UAE.WAO.060/2563
Received Date : 17 October 2025
Test Date : 22 October 2025
Reference : 2510-0505DSC-1
Submitted by : United Analyst and Engineering Consultant Co.,Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak,
Phrakhanong, Bangkok 10260
Laboratory Condition : Temperature (25 ± 5) °C
Humidity (50 ± 20) %
Test Procedure : In - house method : CP-CH9
by Comparison Technique with Azide Modification Method

Tested by :

Approved by :

() Chakrit Waewwanjua
() Porpan Paipim
(✓) Sathip Meangmai

Issue Date :

23 October 2025

Approved Signatory

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Calibration Certificate

Certificate No.: 2602300-001-01
Page : 2 of 2

Calibration Condition:

Equipment: CHAMBER (Hot Air Oven)
UUC Resolution: 0.1 °C
Condition of the item: Normal & Good
Without adjustment / As Found
- Time of record 1 hour 9 minute / point

Place of Calibration: Laboratory
UNITED ANALYST AND ENGINEERING CONSULTANT CO. LTD.
Environment Conditions: Ambient Temperature (29.8 ± 1.0) °C
Relative Humidity (47.8 ± 4) %
Line Voltage (222 ± 3) V.

Calibration Results:

Table 1 : Reporting of Temperature

Calibration Point (°C)	Measured Temperature (°C) @ Sensor No. (Sensor No. 9 is REF)										Measurement Uncertainty (°C)
	Std.#1	Std.#2	Std.#3	Std.#4	Std.#5	Std.#6	Std.#7	Std.#8	Std.#9	Std.#10	
104.0	104.22	103.87	103.90	104.17	103.56	104.22	104.17	104.17	104.00	104.00	0.53
120.0	120.21	119.76	119.86	120.18	119.53	120.24	120.20	120.20	119.96	119.96	0.73
180.0	180.27	179.37	179.73	180.31	178.91	180.35	180.25	180.25	179.84	179.84	0.90

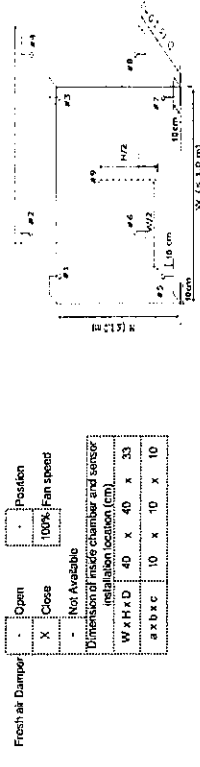
Table 2 : Reporting of Characterization Results

UUC Setting (°C)	UUC Reading (°C)			Stability ± (°C)			Uniformity (°C)			Overall Variation (°C)
	Max	Min	Average	Max	Min	Average	Max	Min	Average	
104.0	104.0	104.0	104.0	0.05	0.05	0.44	0.44	0.44	0.75	0.75
120.0	120.0	120.0	120.0	0.06	0.06	0.43	0.43	0.43	0.79	0.79
180.0	180.0	180.0	180.0	0.07	0.07	0.93	0.93	0.93	1.56	1.56

Note

- UUC : Unit Under Calibration
- The quoted uncertainty includes contributions from 'Stability' and 'Loading Effect' (20% of Temperature Uniformity).
- Stability = One-half of the greatest maximum difference of measured temperatures at any one sensors, for at least half an hour after reaching steady state.
- Uniformity = The maximum difference of measured temperatures at any sensors and the measured temperature at the reference location which are observed at the same time.
- Overall Variation = The difference of The maximum and minimum measured temperatures throughout observation time.

For more information, details of the sensor installation should be reported.



The report uncertainty of measurement was based on standard uncertainty multiplied by coverage factor k = 2, providing a level of confidence of approximately 95%.

End of Report

Calibration Certificate

Certificate No.: 2602300-001-01
Page : 1 of 2

Equipment: CHAMBER (Hot Air Oven)

Manufacturer: MEMMERT

Model: UF55

Serial No.: B212.0411

ID No.: UAE.WAO.005/2556

Order No.: 2602300

Operation No.: 2602300-001

Date of Receipt: 11 March 2026

Date of Calibration: 11 March 2026

Customer Name: UNITED ANALYST AND ENGINEERING CONSULTANT CO. LTD.

Address: 3 Soi Udomsak 41, Sukhumvit Road,

Bangchack, Prakhong, Bangkok 10260

Metrological traceability:

1. Calibration Method:

- This instrument was calibrated by inserting 9 standard thermometers into its chamber, in accordance with W-TE-014, based on TIAS G-20-102-08 (E) Guidelines for Calibration and Checks of Temperature Controlled Enclosures.
- The temperature scale used in this laboratory is the International Temperature Scale of 1990 (ITS-90).
- All data shown below are final values, and the initial data may be obtained upon request.

2. Reference Standard Instrument:

Instrument	Model/Type	Serial No./ID No.	Certificate No.	Due Date	Through
Digital Thermometer with sensor	34972A RTD	MY58002802 CH201-209/RTD#201-209	2502787-002-01	3 May 2026	NATIONAL FOOD INSTITUTE

- 3. This certificate is traceable to the International System of Units (SI).
- 4. This certificate is valid only for the instrument that was calibrated.
- 5. The result of this calibration was found to be accurate only on the date and at the place of calibration shown.

Calibrated by

Mr. Manas Somsak
Specialist

Approved by

Manager, Division of Calibration Laboratory
Responsible for the Technical Management Team

Date of Issue: 18 March 2026

This Certificate is issued in accordance with the conditions of accreditation granted by the Thai Laboratory Accreditation scheme which has assessed the measurement capability of the laboratory and its traceability to recognized national standards and to the units of measurement realized at the corresponding national standards laboratory. This certificate may not be reproduced other than in full except with the prior written approval of the National Food Institute.



Certificate of Calibration

Cert.No.: 26CH231
Page.: 1 of 3

Equipment : pH Meter
Manufacturer : Horiba
Model : LAQUA-PH210
Serial No. : HA8M0047
ID No. : UAE.EFM.005/2563 (EFM,pH.05/63)
Condition As-Received: Used Item
Received Date : 24 February 2026
Calibration Date : 28 February 2026
Reference : 2602-0796WSC-2
Submitted by : United Analyst and Engineering Consultant Co.,Ltd.
3 Soi Udomsuk 41, Sukhumvit Road, Bangchak,
Phrakhanong, Bangkok 10260

Ambient Temperature : (25 ± 2.5) °C
Relative Humidity : (50 ± 15) %
Calibration Procedure : In-house method :
- CP-CH5 by direct measurement with DC voltage
standard and direct measurement with
certified reference material (CRM)
- CP-CH6 by comparison with temperature standard

Calibrated by :

Approved by :

() Chakrit Weewwanjua
() Ponpan Palpim
(✓) Saithip Meangmal

Issue Date :

27 February 2026

Condition of this calibration result

1. Reference Standard Instrument

Instrument	Serial No.	ID No.	Cert. No.	Due Date
1) Document Process Calibrator	54030049	130RC116	25E2743	25 Aug 2026
2) Ref. Standard Thermometer	4982054	110RC044	25I708	03 July 2026

- This measurement result is traceable to SI through Technology Promotion Association (Thailand - Japan)

2. Certified Reference Materials :The measurement results are traceable to SI through Hach Lange GmbH Ltd.,
Deutsche Akkreditierungsstelle, Accredited No.D-RM-15184-01-00
:The measurement results are traceable to SI through CPA chem Ltd.,
ANSI-ASQ National Accreditation Board, Accredited No. AR-1835

Buffer Solution	Manufacturer	Lot No.	Exp. date
pH 4.008	CPA chem	1187328	18 Jan 2028
pH 7.000	Hach Lange GmbH	C03319	17 Oct 2027
pH 10.010	CPA chem	1187332	18 Jan 2027

3. This certificate is valid only to the item calibrated on date and place of calibration.

Calibration Results

Function : mV Measurement

Performing standard curve by Document Process Calibrator at pH (4.7)(7,10)

Unit Under Calibration	Nominal Value	Standard Voltage Input	Actual Reading		Uncertainty of Measurement (±mV)	Coverage factor k
	pH	mV	mV	pH		
pH Meter S/N.: HA8M0047	4.00	177.48	177.3	4.01	0.058	2.00
	7.00	0.00	0.0	7.02	0.058	2.00
	7.00	0.00	0.0	7.02	0.058	2.00
	10.00	-177.48	-177.2	10.01	0.058	2.00

The Uncertainties are for a confidence probability of approximately 95%

This certificate may not be reproduced other than in full, except with the prior written
Approval of the head of Corporate Services 3: Equipment Calibration and Testing Services.



Cert.No.: 26CH231
Page.: 3 of 3

Calibration Results

Function : pH Measurement

Performing three buffers standard curve by using buffer nominal pH (4.7)(7,10)

Unit Under Calibration	Standard pH Buffer Solution	Actual pH Reading	Actual mV Reading (mV)	Uncertainty of pH Measurement (±)	Coverage factor k
pH Electrode S/N.: -	4.008	4.01	181.1	0.0079	2.00
	7.000	7.00	-10.4	0.0096	2.00
	7.000	7.00	-9.9	0.0095	2.00
	10.010	10.02	-177.9	0.0085	2.00

Function : Temperature Measurement

(*) Without adjustment

This equipment was connected with Temperature Probe;

- Model : -

- Serial No. : -

Dimension of probe

- Length : 103 mm.

- Diameter : 18 mm.

- Immersion Depth : 90 mm.

Calibration Point (°C)	Standard Temperature (°C)	UUC* Reading (°C)	Error (°C)	Uncertainty of measurement (± °C)	Coverage factor k
15.0	15.001	15.0	-0.001	0.13	2.00
30.0	30.001	30.0	-0.001	0.13	2.00
45.0	45.001	44.9	-0.101	0.13	2.00

Remark : - UUC* = Unit Under Calibration

The reported uncertainty of measurement was based on a standard uncertainty multiplied by a coverage factor k, providing a level of confidence of approximately 95 %.