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VOL-01

PERFORMANCE QUALIFICATION PROTOCOL

Annex-01.02

Turn Over Package

FOR

WALK-IN ACCELERATED STABILITY CHAMBER

(QC-STB-04)

OF

UTOPIA PHARMACEUTICALS

10TH OF RAMADAN CITY

CLIENT:



QUALIFICATION PROVIDER:



Package Content:

VOL-01 Performance Qualification Protocol

Annex-01.01) Results Data Sheets

Annex-01.02) Turn Over Package (Attachments)

EGYPT: 26 Al Israa St., Lebanon Sq., Mohandseen, Giza, Egypt

KSA: 3321, Prince Mamdouh Bin Abdulaziz St., Al Sulaymaniyah, Riyadh, KSA

UAE: Sharjah Media City, Sharjah, UAE



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+201023310801

+966543728852

+971502013049

+20233034440



VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01

ATTACHMENTS

Content:

01.02.01.01	Main Cycle No. (I) Printouts
01.02.01.02	Power Failure Printouts
01.02.01.03	Door Opening Printouts
01.02.01.04	Raw Data (on CD)
01.02.01.05	Inspection Label
01.02.01.06	Reference Equipment Calibration Certificates
01.02.01.07	Inspection Certificate



VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01

ATTACHMENTS

ATTACHMENTS 01.02.01.01

Main Cycle Printouts





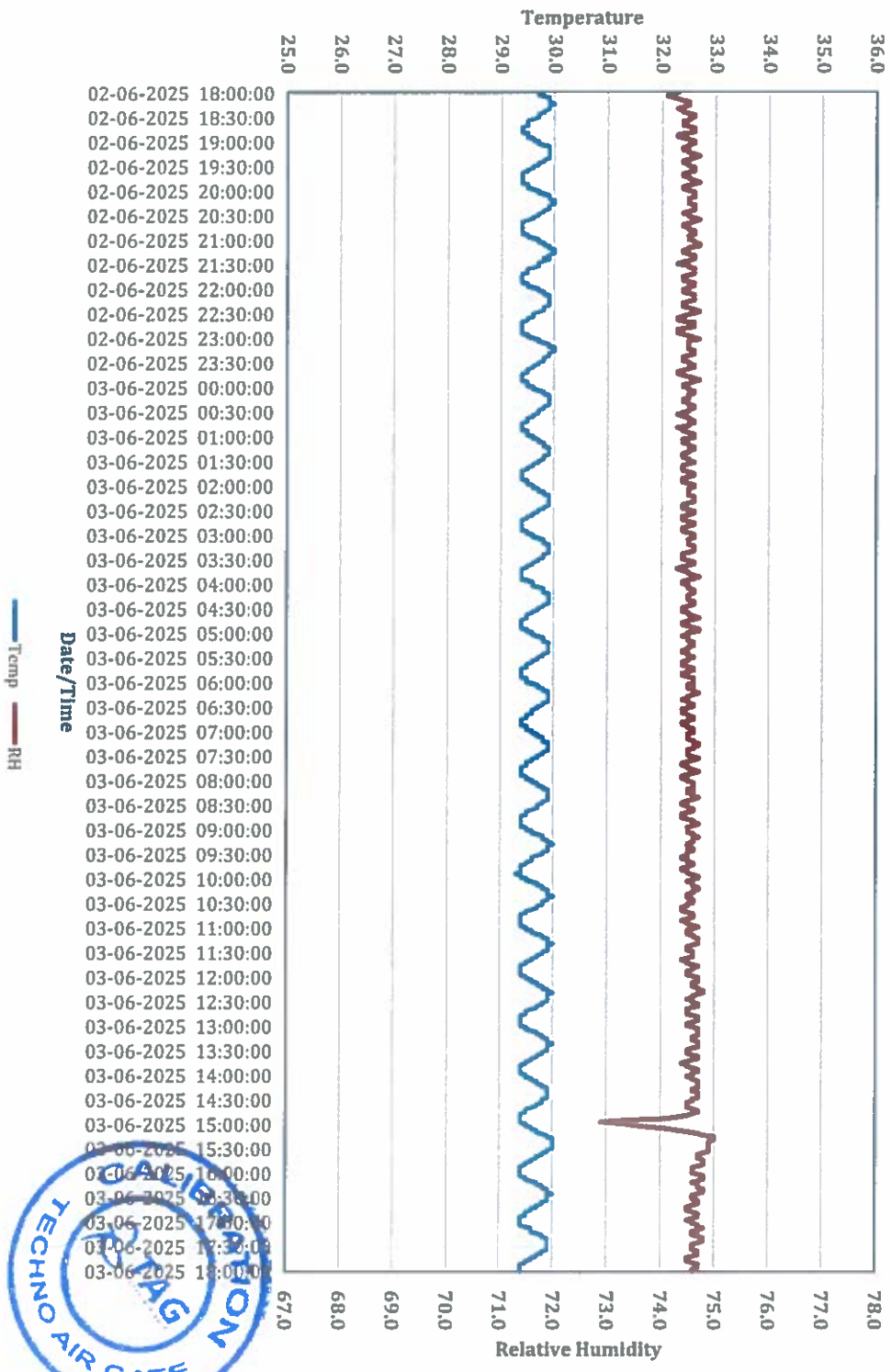
Performance Qualification for Walk-In Accelerated Stability Chamber (QC-STB-04)	
Doc. No.: PQR-M-00325	
Sampling Period	24 hrs. (Main Cycle)
Start Date/Time	02-06-2025 18:00:00
Stop Date/Time	03-06-2025 18:00:00



T (°C)

1. TZ0322040119

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

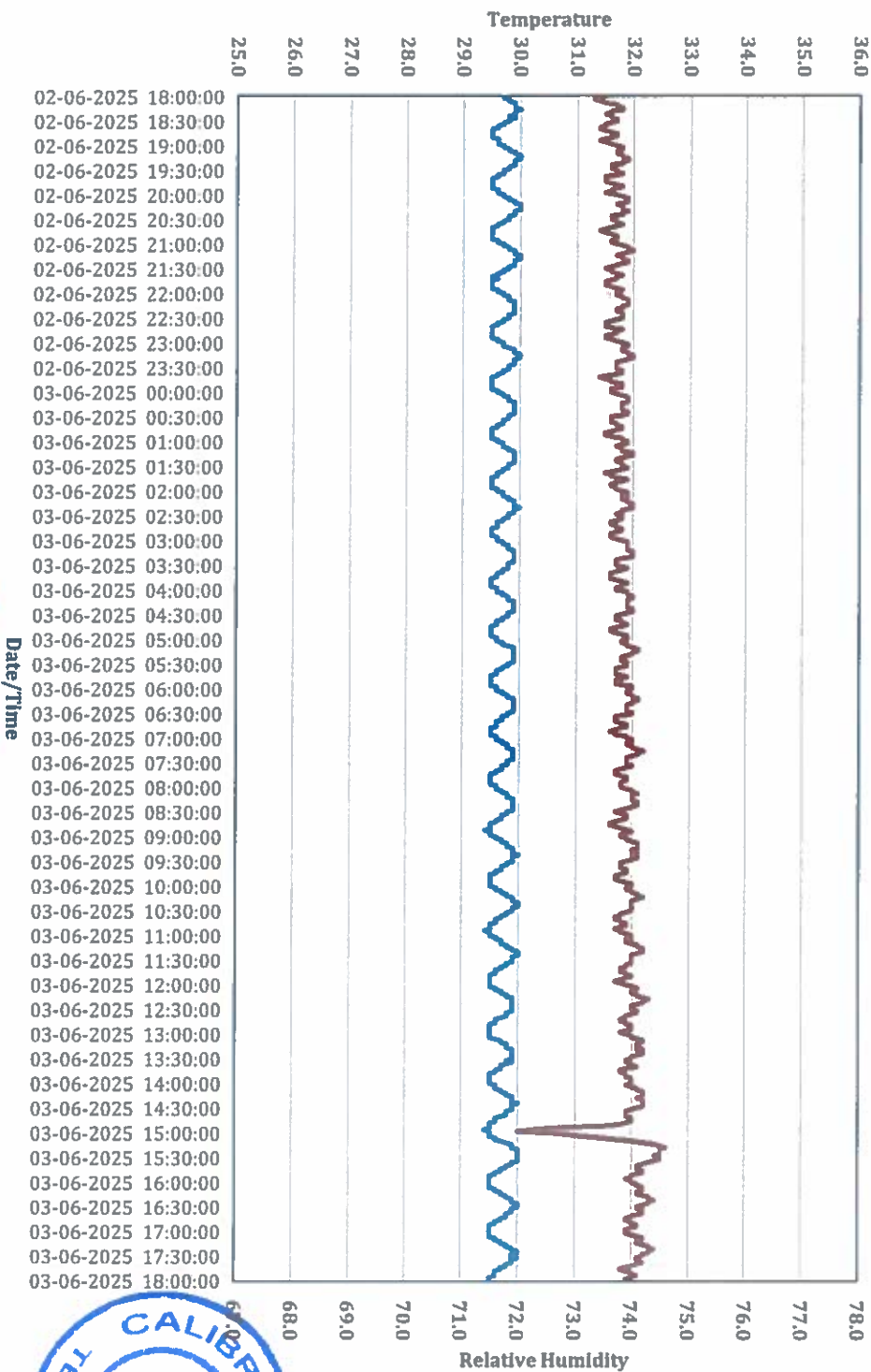
03-06-2025 18:00:00



T (°C)

2. TZ0323114599

RH (%)





Performance Qualification

for Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

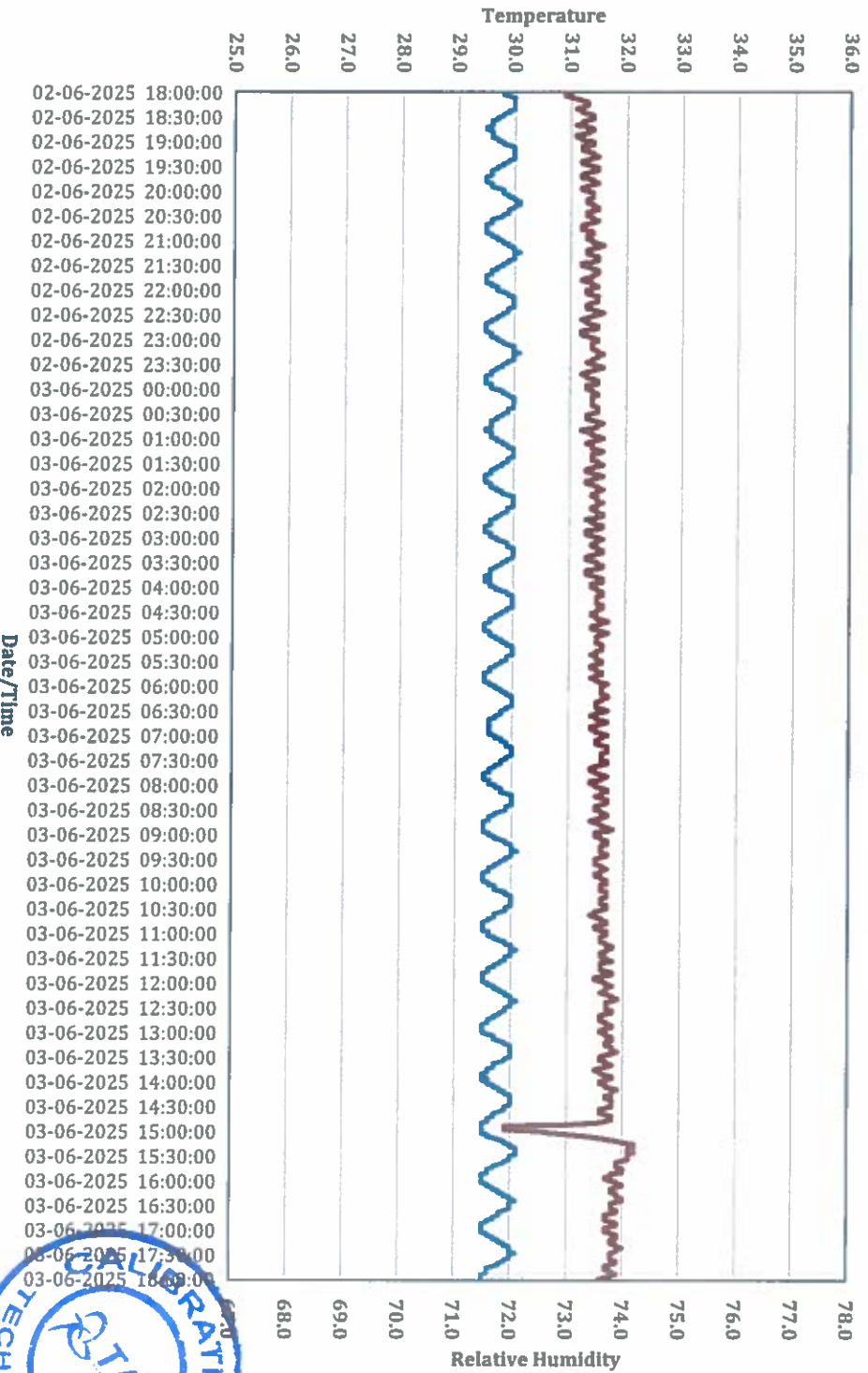
Stop Date/Time 03-06-2025 18:00:00



T (°C)

3. TZ0323114414

RH (%)





THE LIFE YOU DESERVE

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

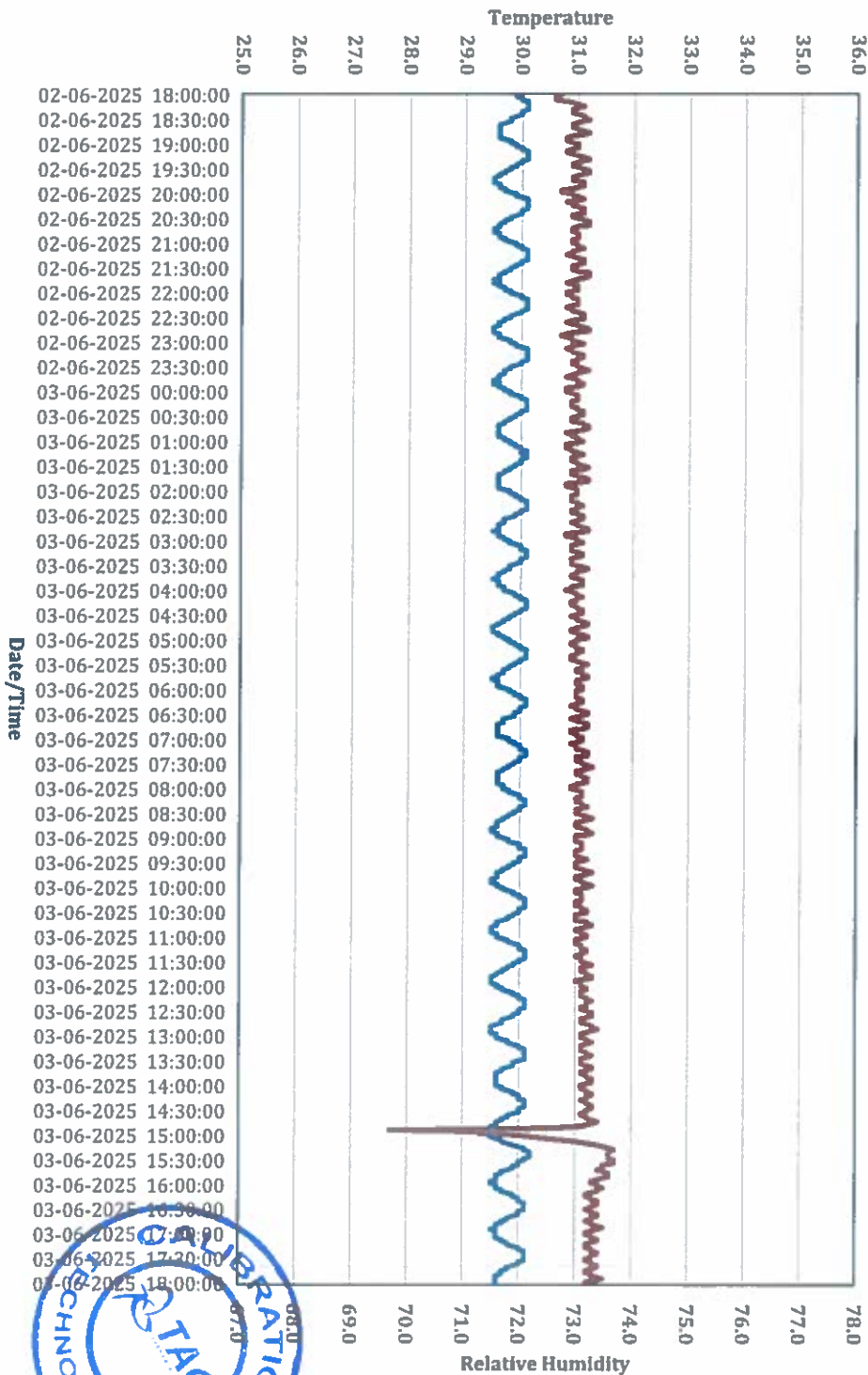
03-06-2025 18:00:00



T (°C)

RH (%)

4. TZ0323114505





THE LIFE YOU DESERVE

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

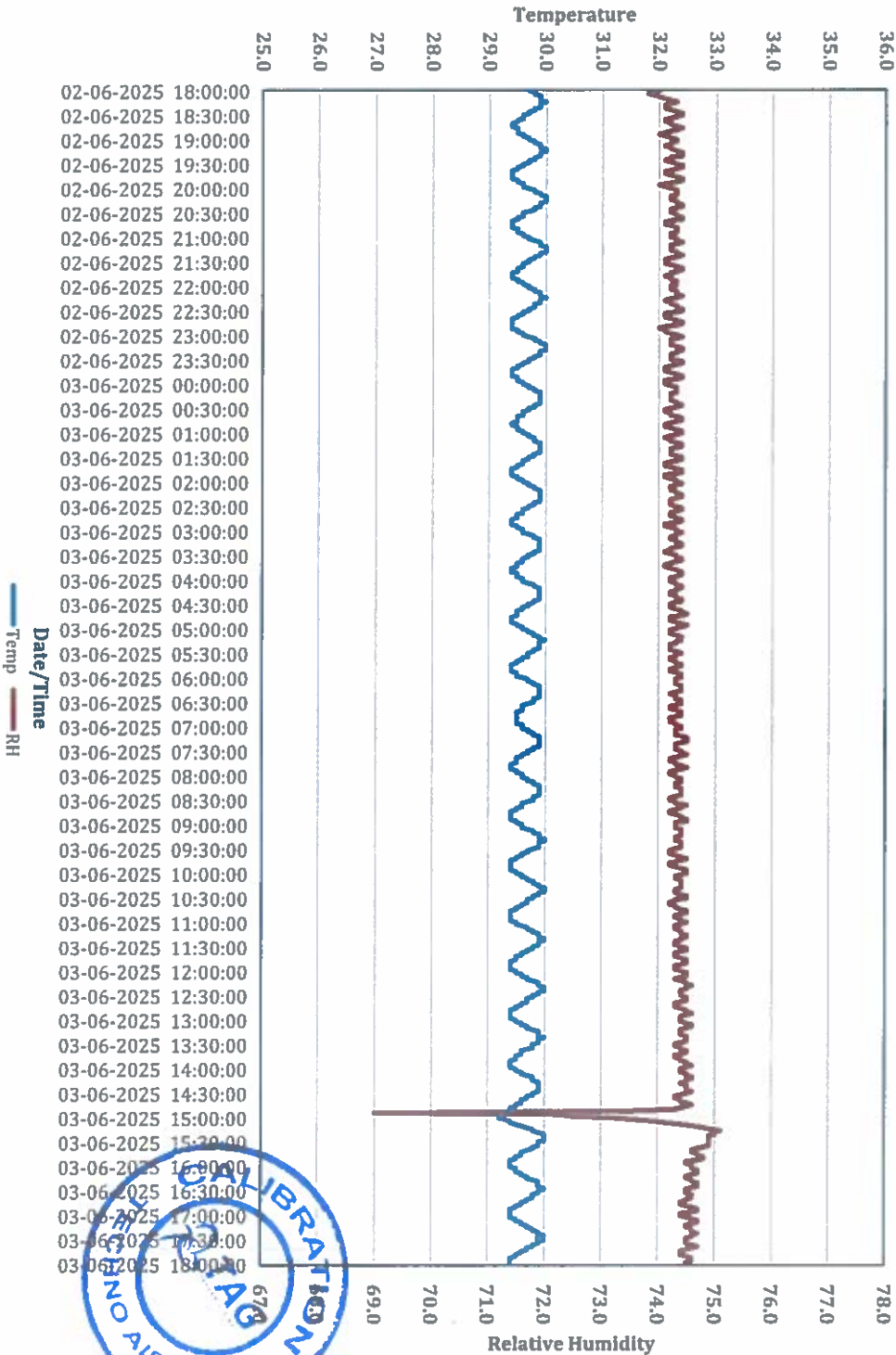
Stop Date/Time 03-06-2025 18:00:00



T (°C)

5. TZ0322040178

RH (%)





THE LIFE YOU DESERVE

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

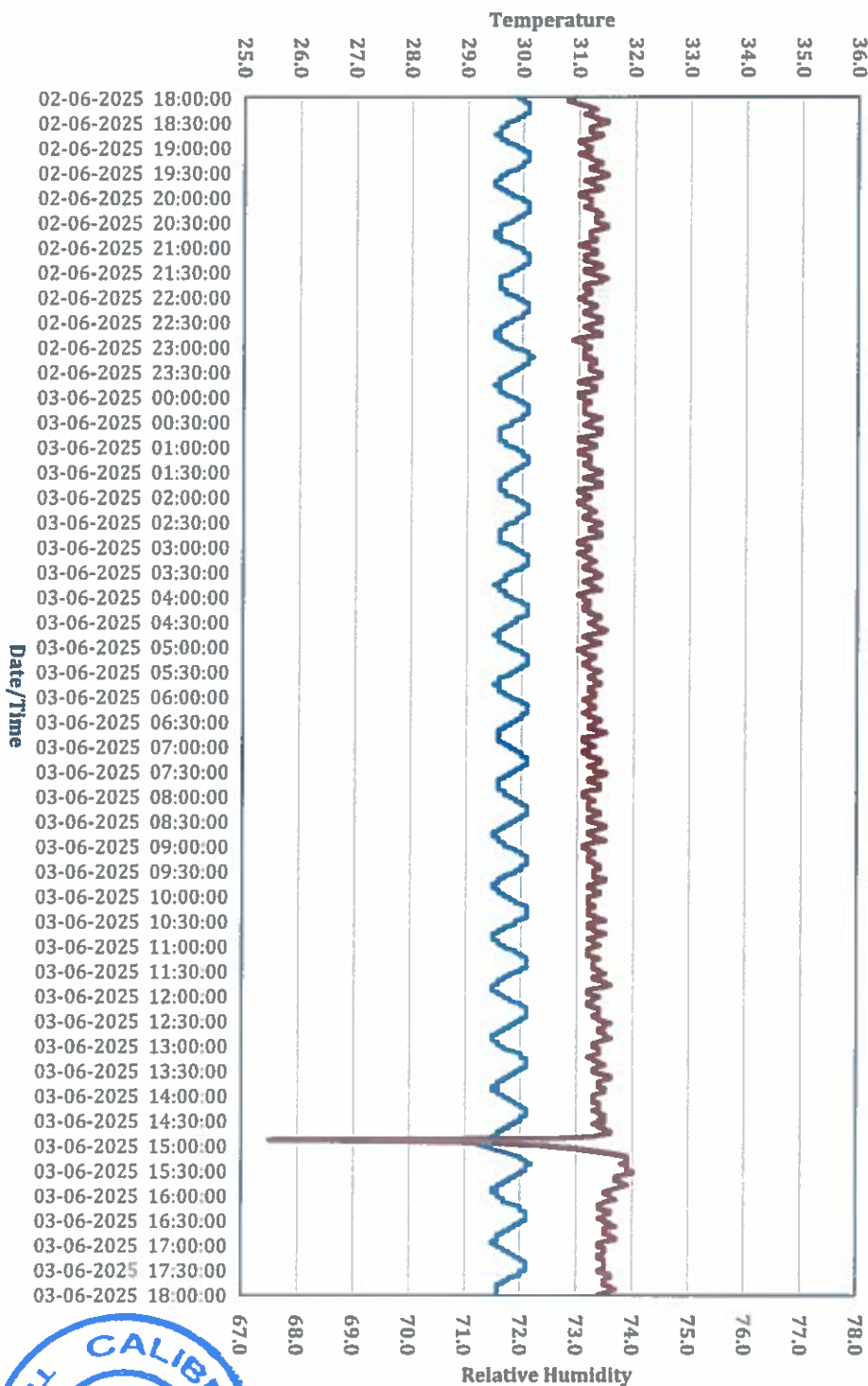
03-06-2025 18:00:00



T (°C)

6. TZ0323114533

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

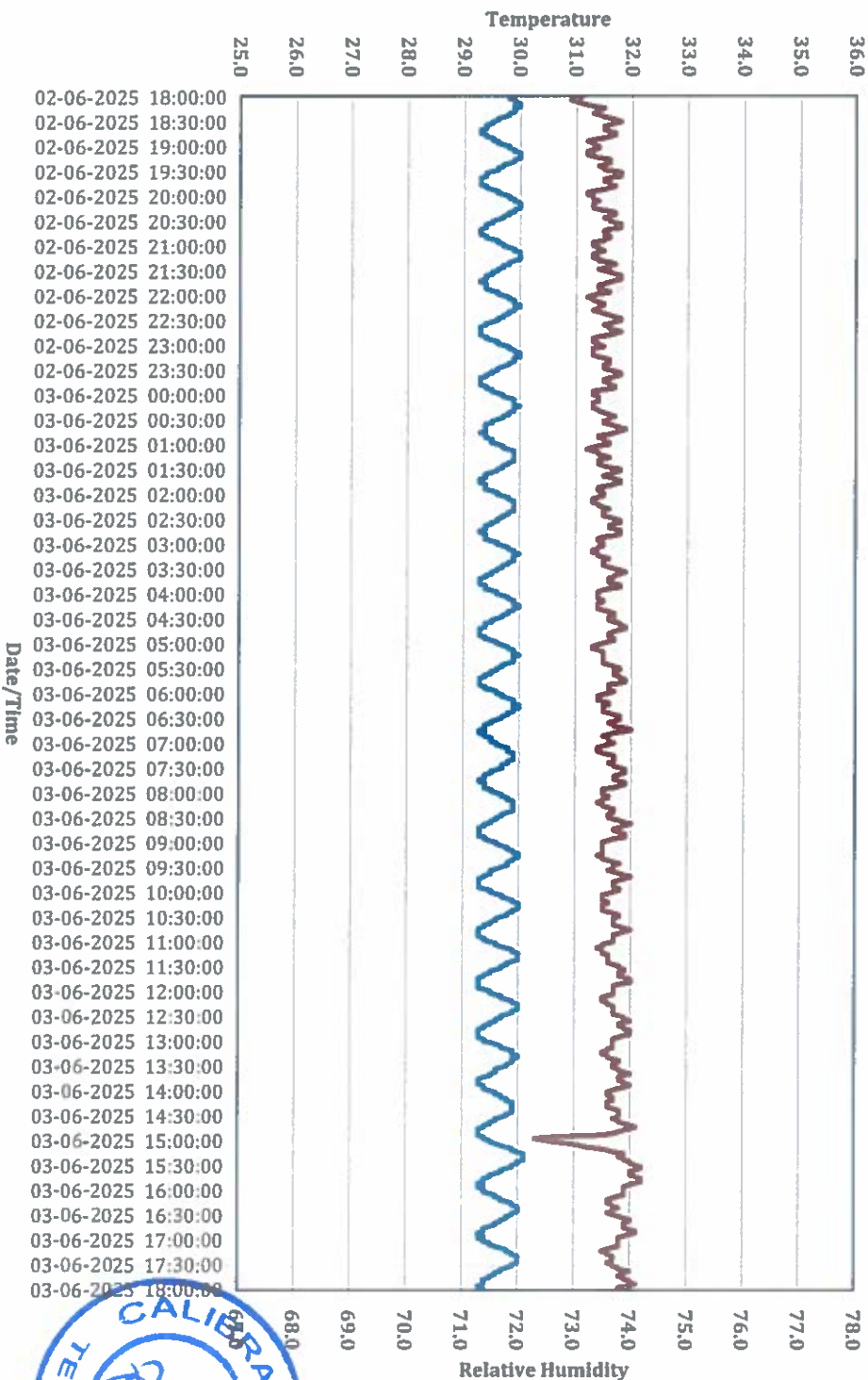
Stop Date/Time 03-06-2025 18:00:00



T (°C)

7. TZ0323114558

RH (%)





THE LIFE YOU DESERVE

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

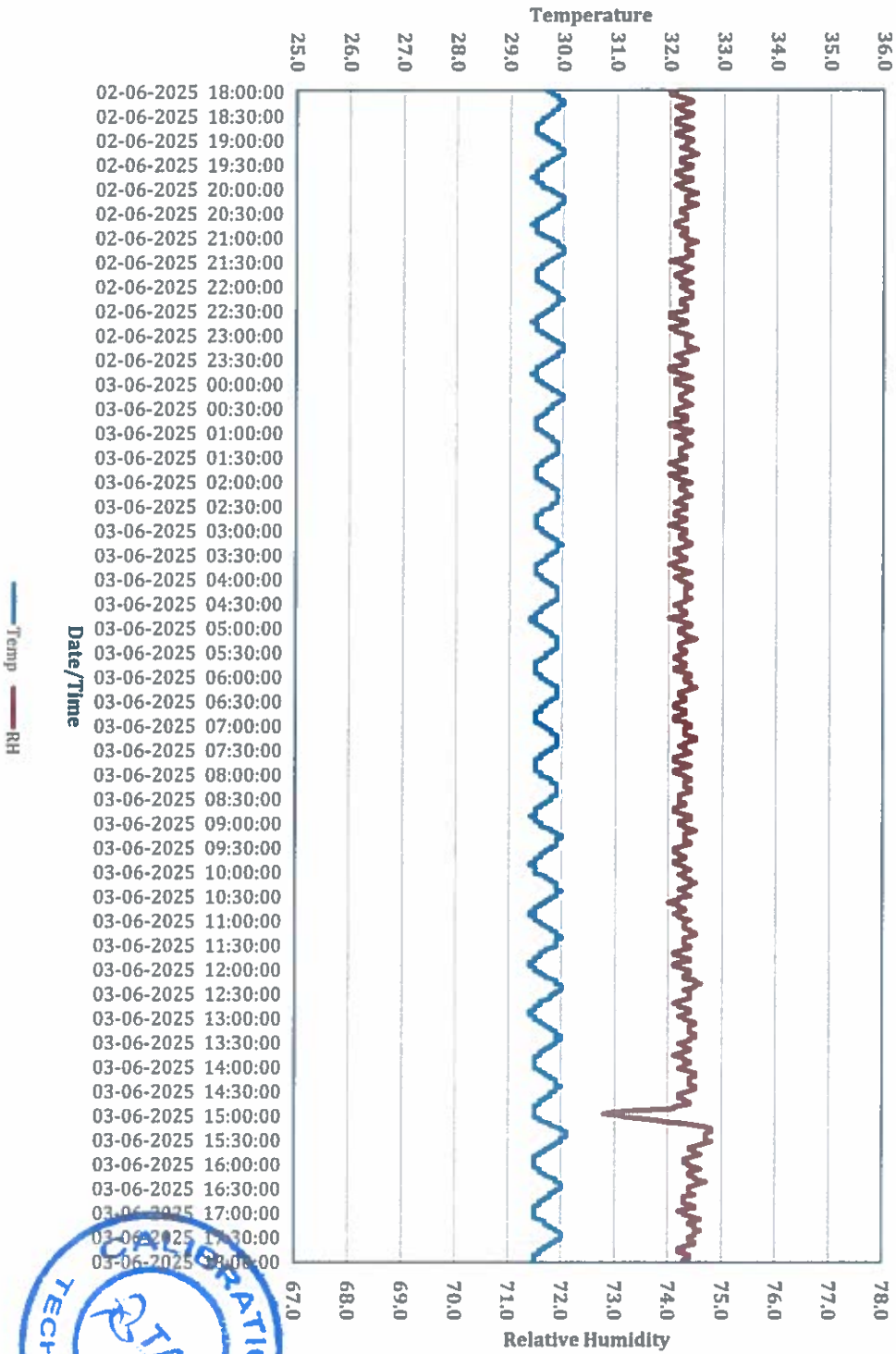
Stop Date/Time 03-06-2025 18:00:00



T (°C)

8. TZ0323114520

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

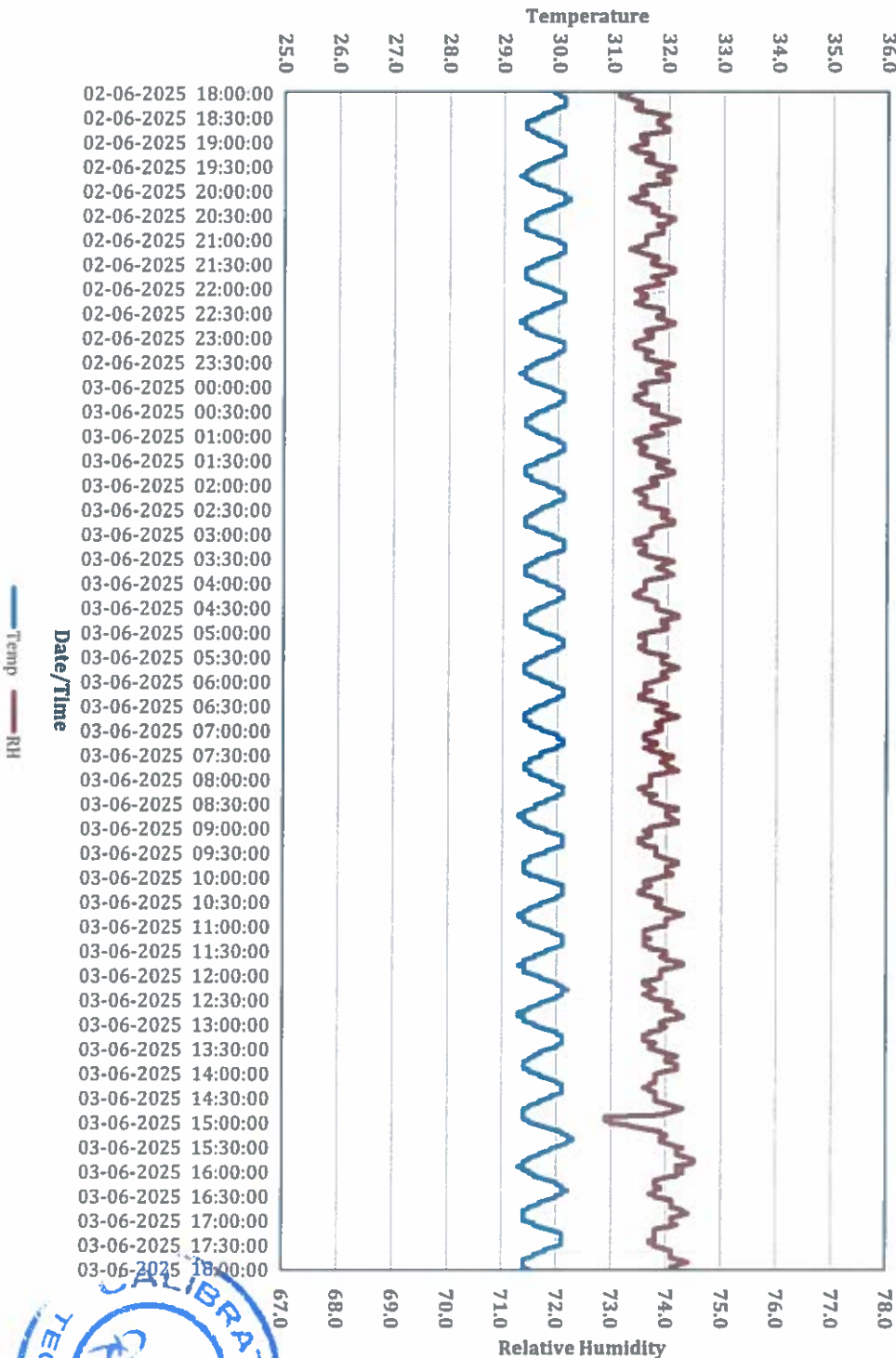
03-06-2025 18:00:00



T (°C)

9. TZ0323114411

RH (%)



— Temp — RH





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Performance Qualification

for Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

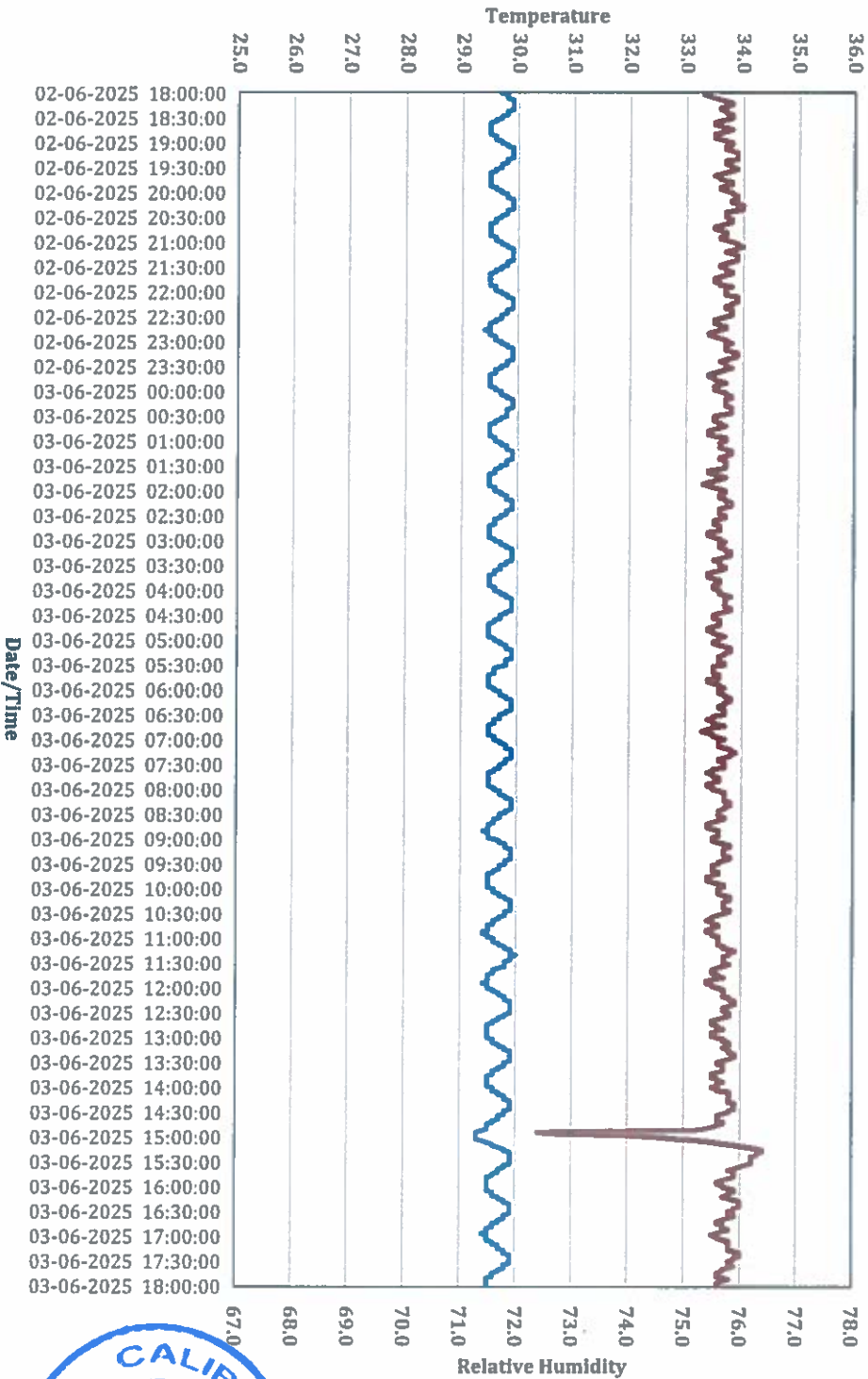
Stop Date/Time 03-06-2025 18:00:00



T (°C)

10. TZ0322040200

RH (%)





THE LIFE YOU DESERVE

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

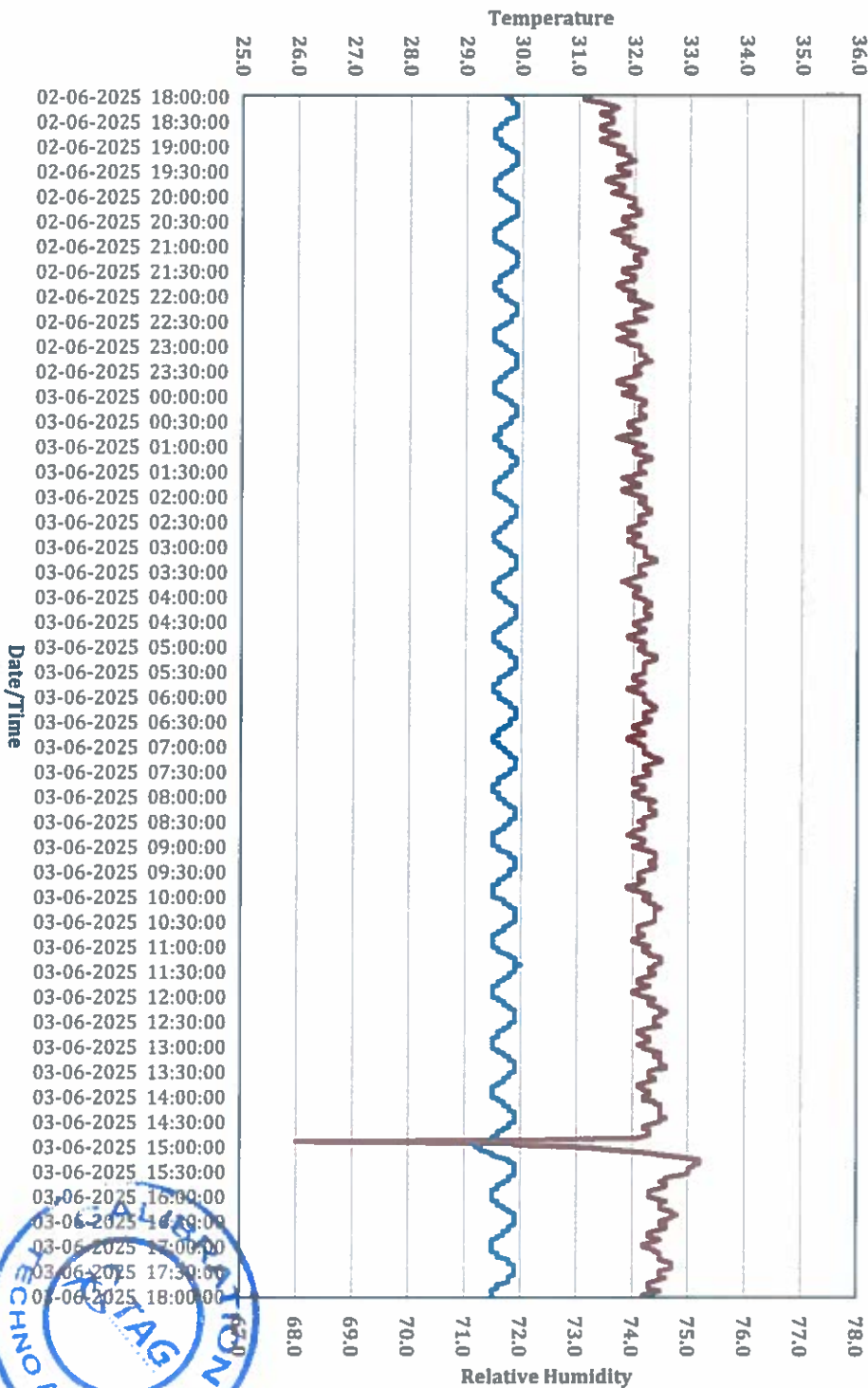
Stop Date/Time 03-06-2025 18:00:00



T (°C)

11. TZ0322040116

RH (%)





Performance Qualification

for Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

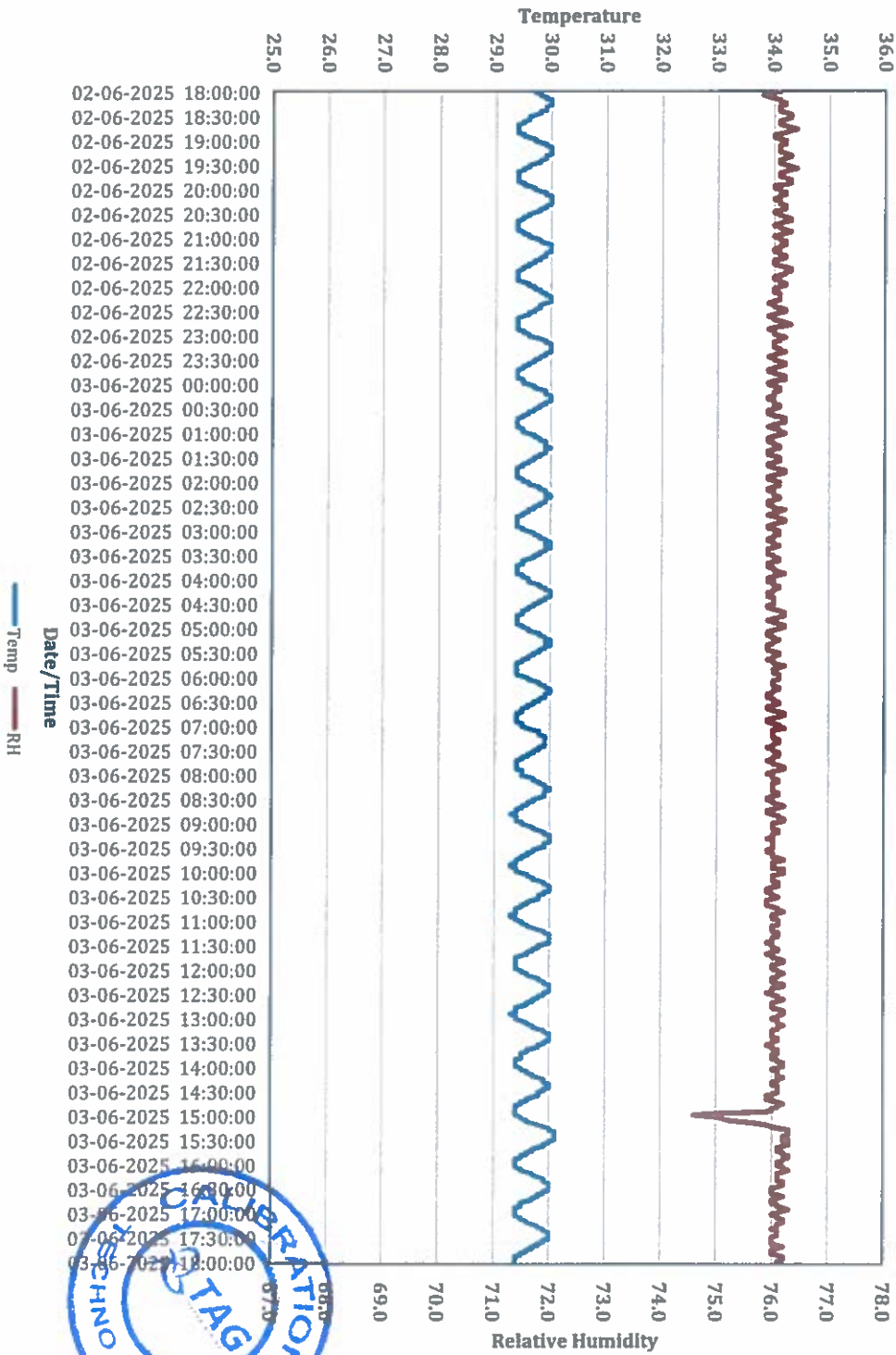
Stop Date/Time 03-06-2025 18:00:00



T (°C)

12. TZ0322040167

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

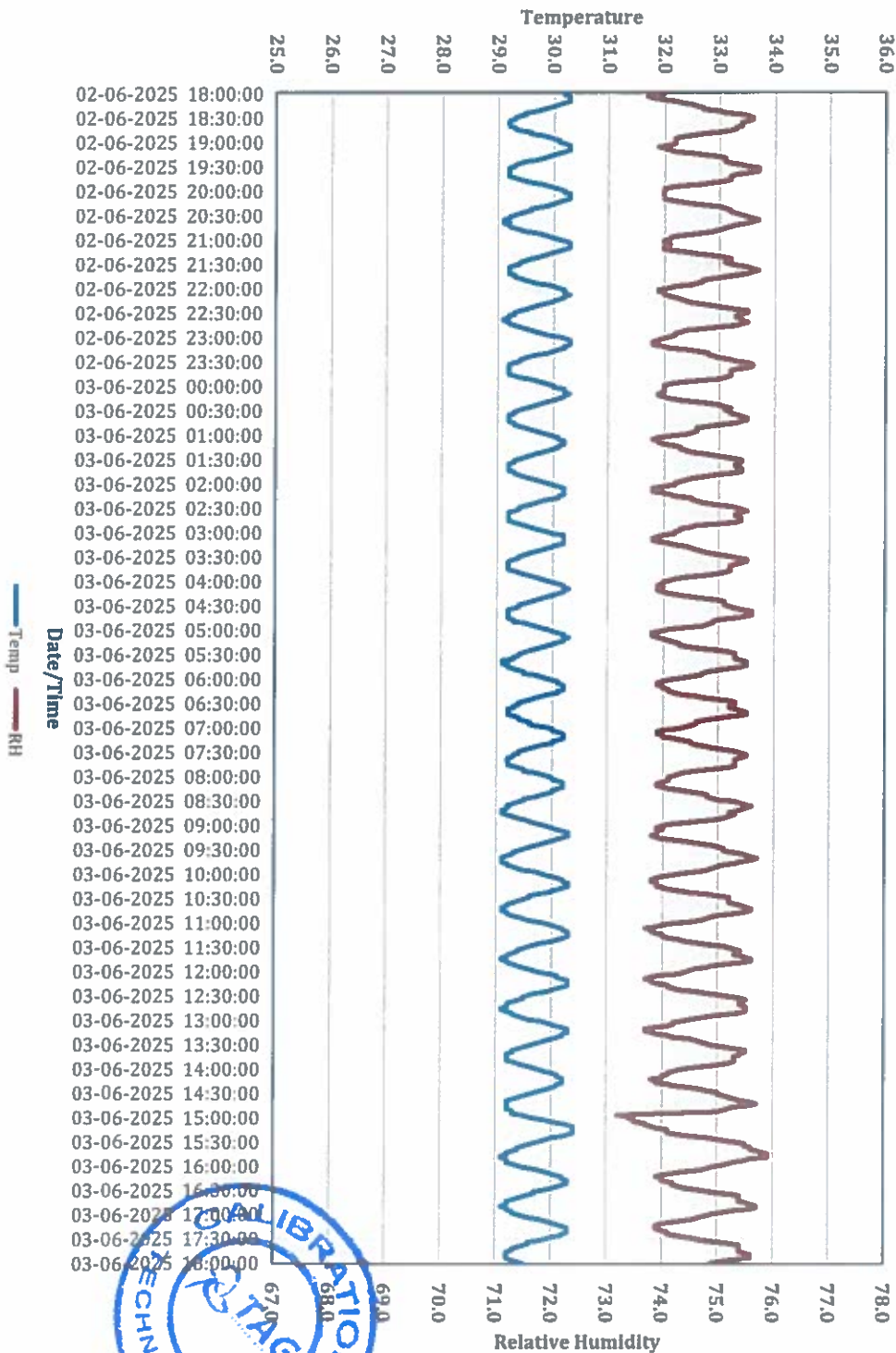
03-06-2025 18:00:00



T (°C)

13. TZ0322041016

RH (%)



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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

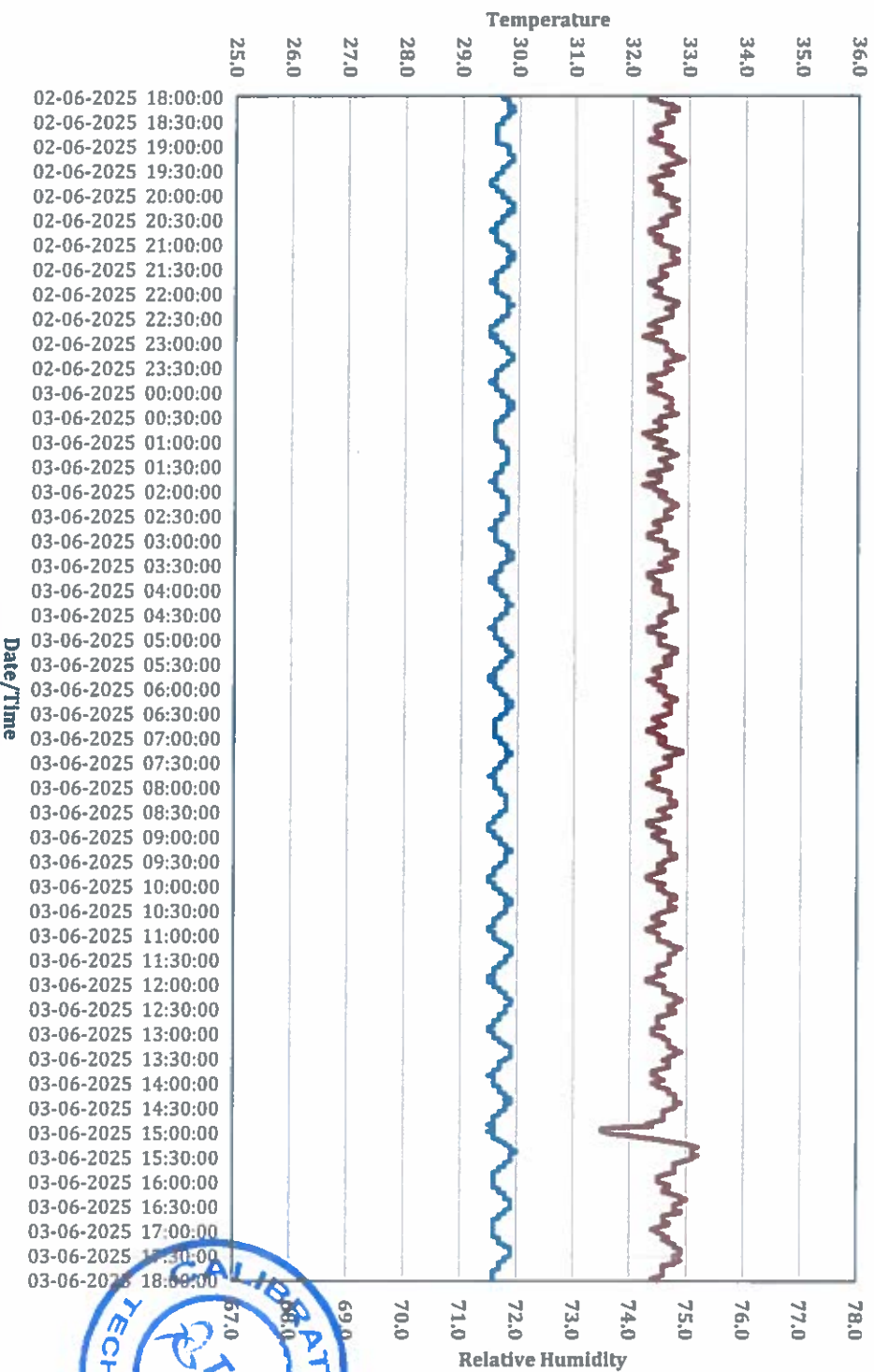
03-06-2025 18:00:00



T (°C)

14. TZ0322041088

RH (%)





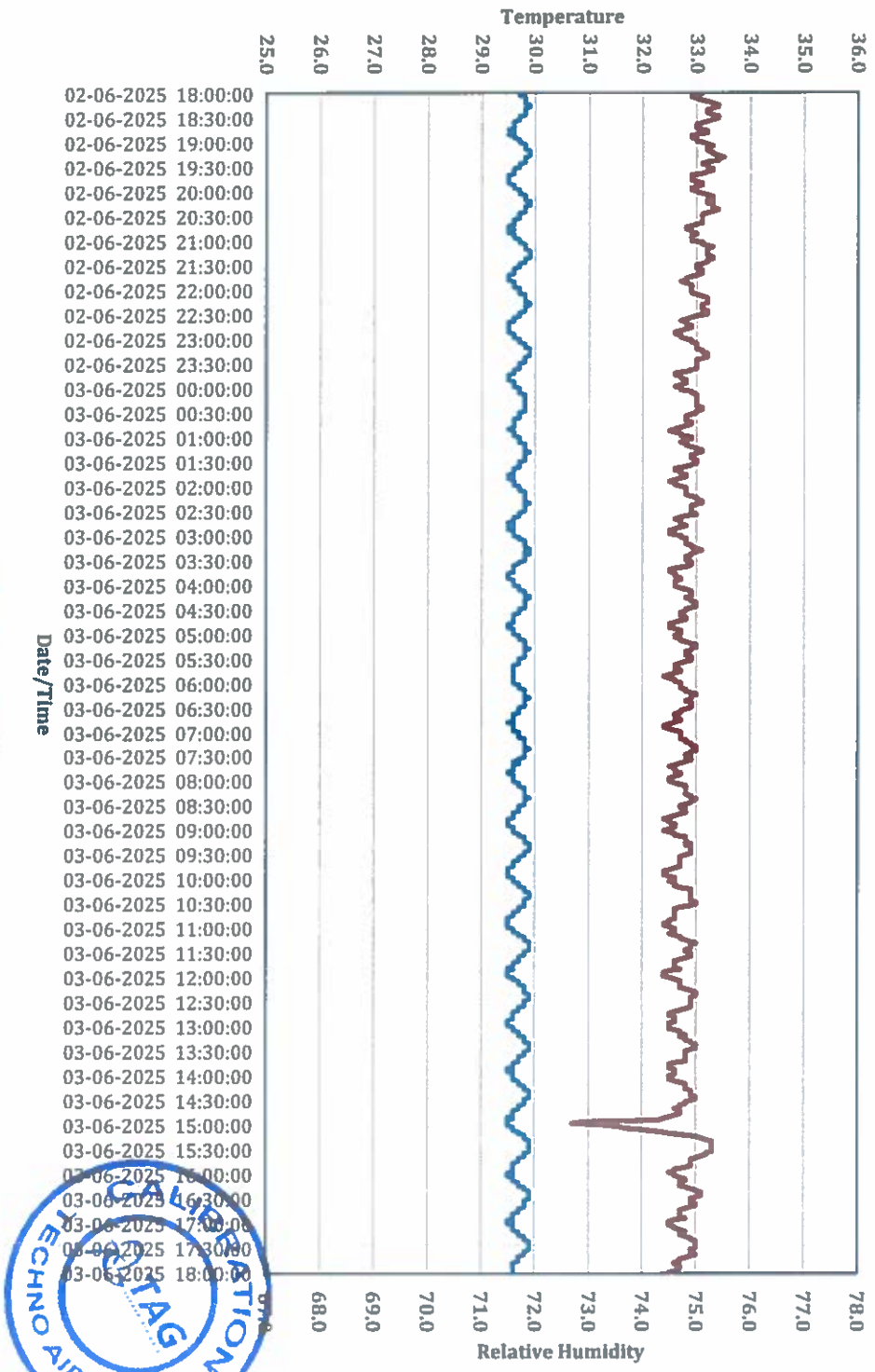
Performance Qualification for			
Walk-In Accelerated Stability Chamber (QC-STB-04)			
Doc. No.: PQR-M-00325			
Sampling Period	24 hrs. (Main Cycle)		
Start Date/Time	02-06-2025 18:00:00		
Stop Date/Time	03-06-2025 18:00:00		



T (°C)

15. TZ0322040187

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

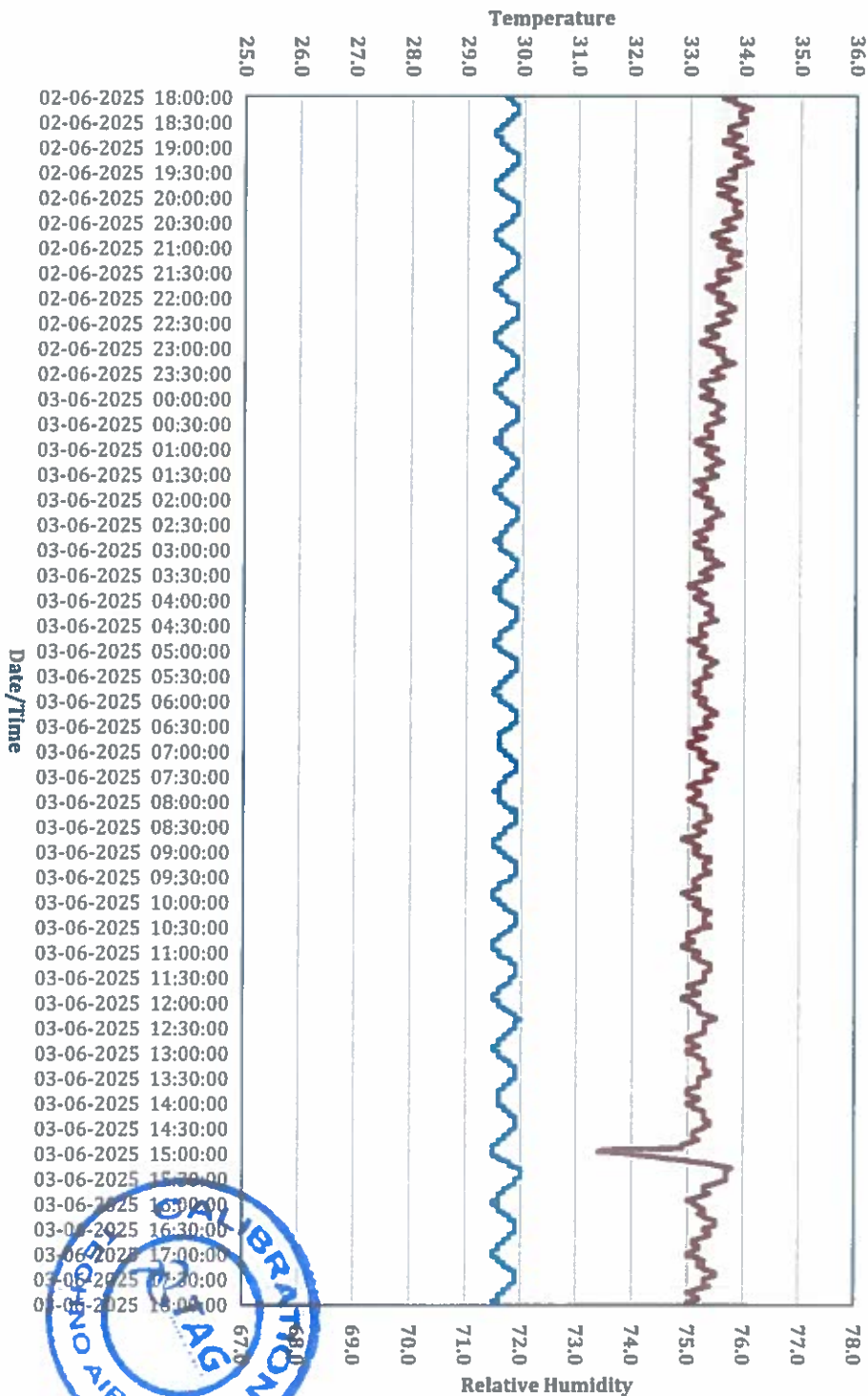
03-06-2025 18:00:00



T (°C)

16.TZ0322041094

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

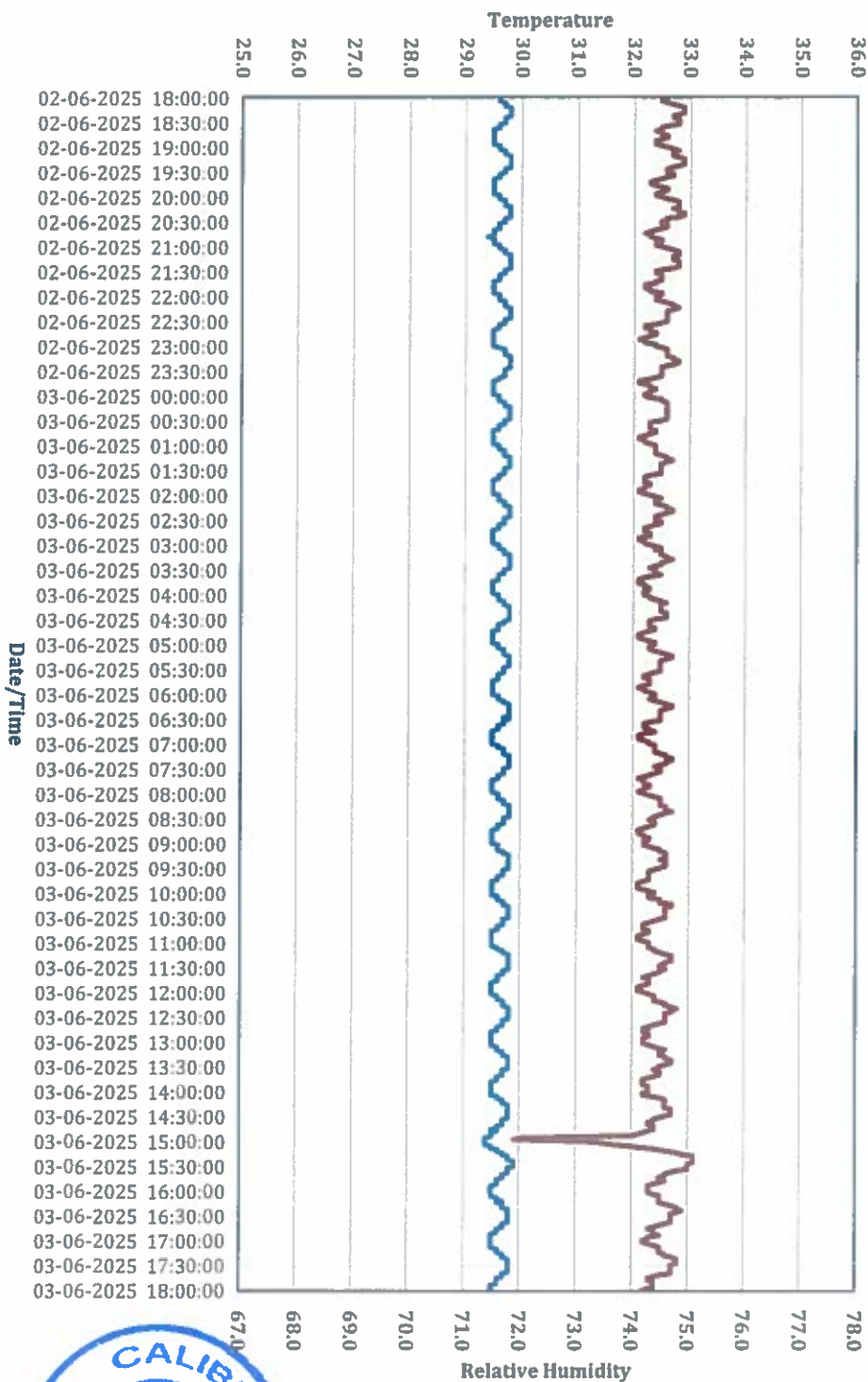
03-06-2025 18:00:00



T (°C)

17. TZ0322040105

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

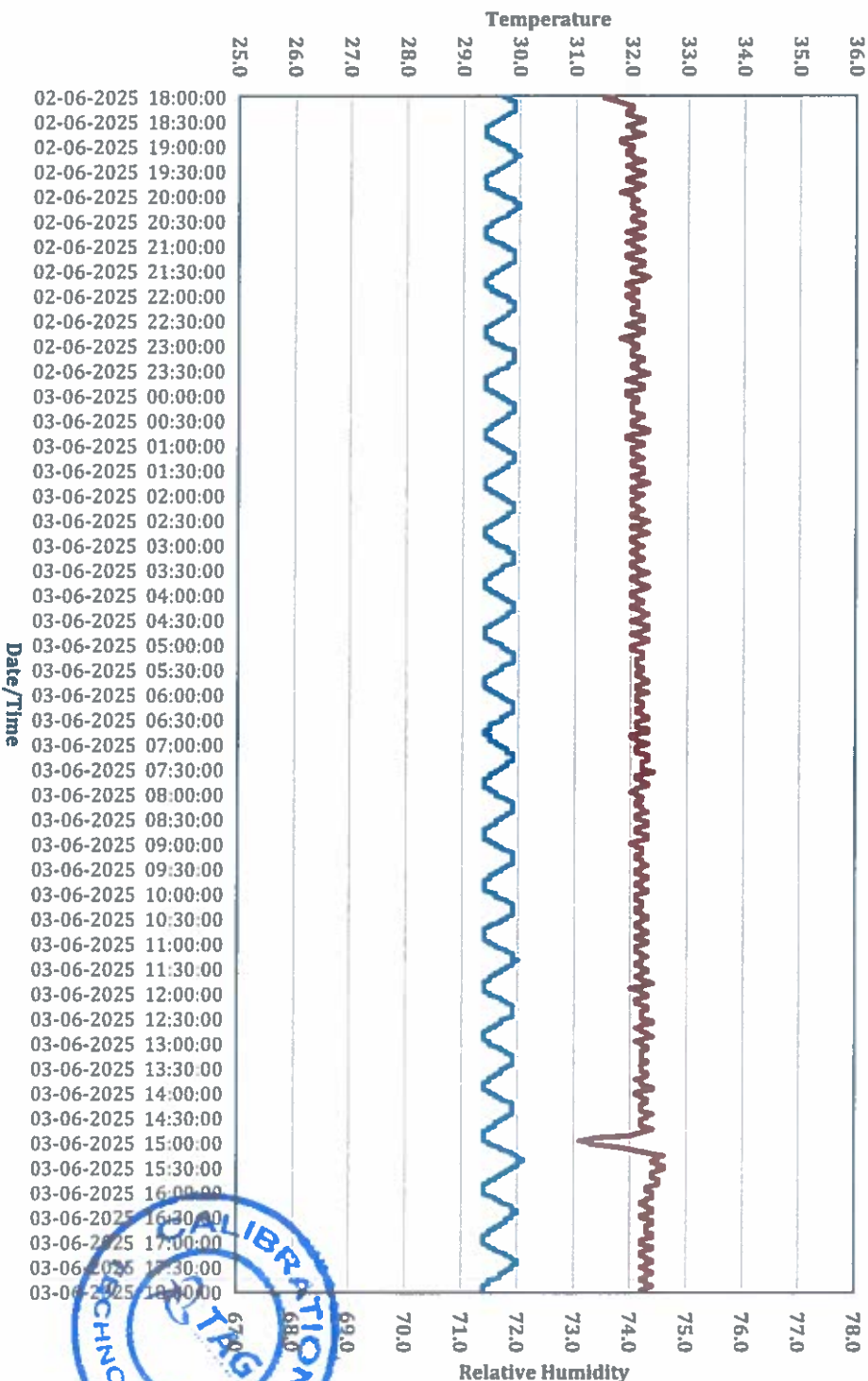
03-06-2025 18:00:00



T (°C)

18. TZ0322040172

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 24 hrs. (Main Cycle)

Start Date/Time 02-06-2025 18:00:00

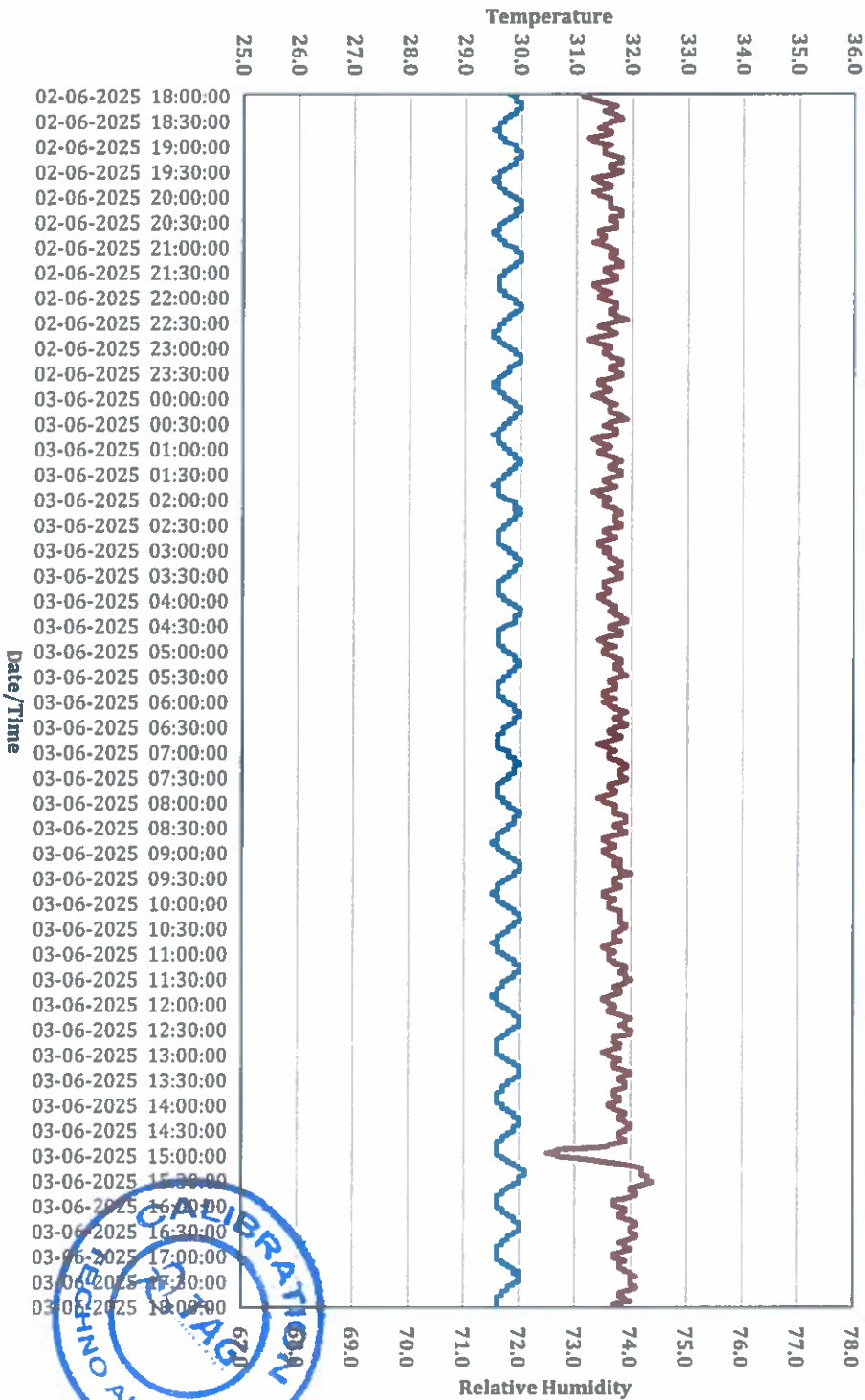
Stop Date/Time 03-06-2025 18:00:00



T (°C)

19. TZ0323114592

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

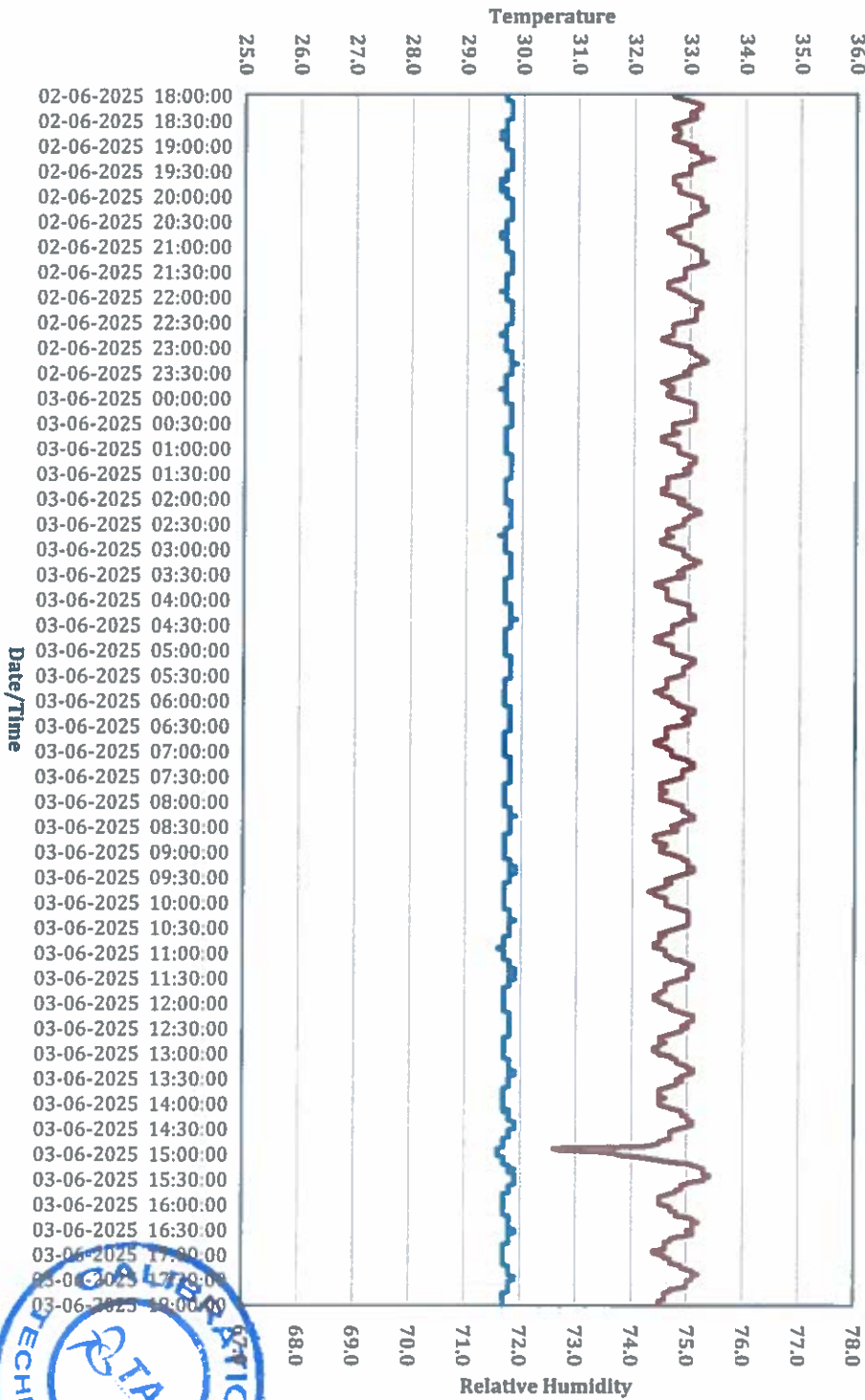
03-06-2025 18:00:00



T (°C)

20. TZ0322040112

RH (%)



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for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

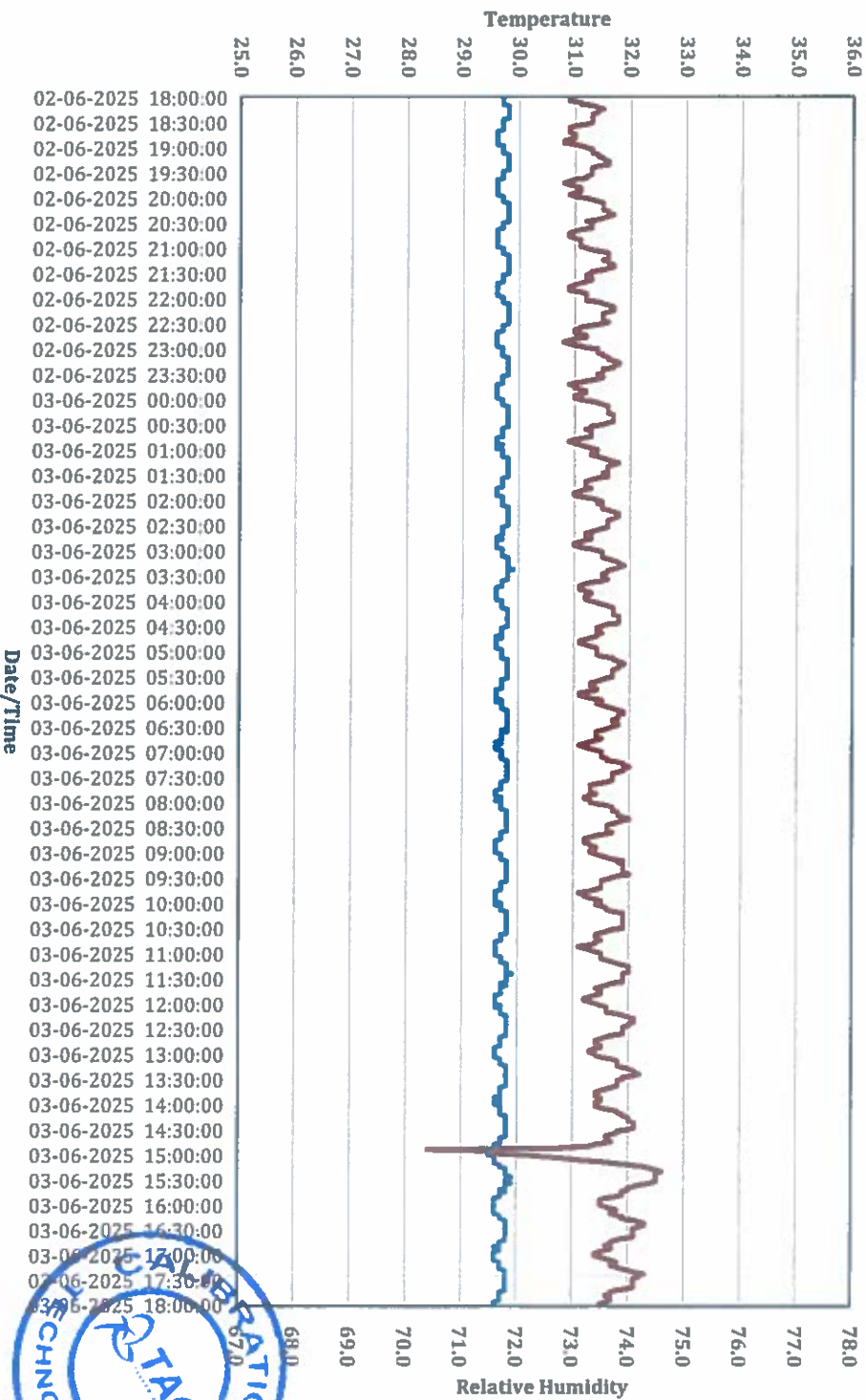
03-06-2025 18:00:00



T (°C)

21. TZ0323114408

RH (%)





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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

24 hrs. (Main Cycle)

Start Date/Time

02-06-2025 18:00:00

Stop Date/Time

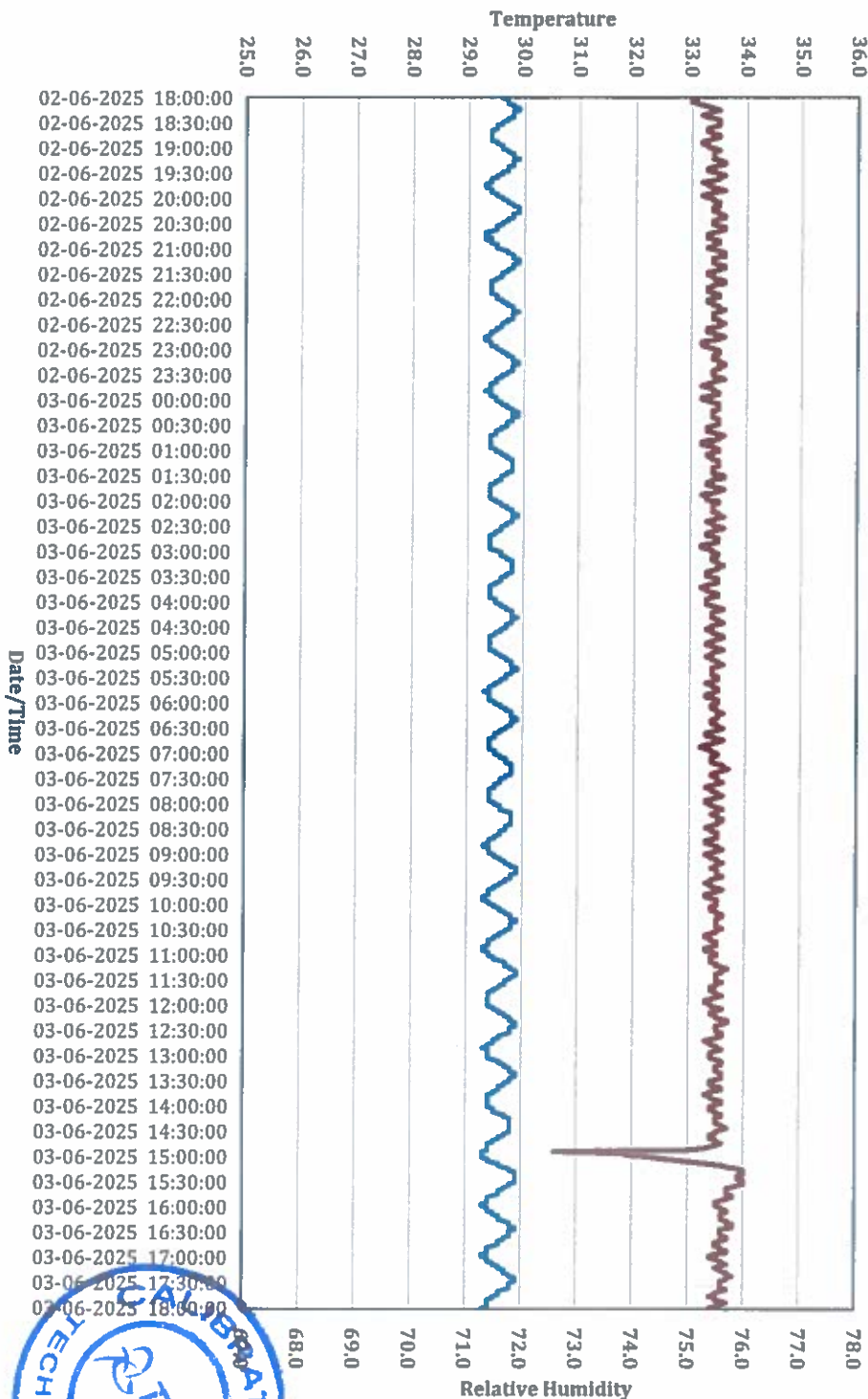
03-06-2025 18:00:00



T (°C)

22. TZ0322041147

RH (%)



		Vol 01) Annex 01.02) Turn Over Package Walk-In Accelerated Stability Chamber (QC-STB-04)		
Jun., 2025	Rev. No.: 00	Doc. No.: TOP-Q-00325	F-7.4/35 Issue Date:02/02/2025	Page 4 of 9

VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01
ATTACHMENTS

ATTACHMENTS 01.02.01.02
Power Failure Printouts



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

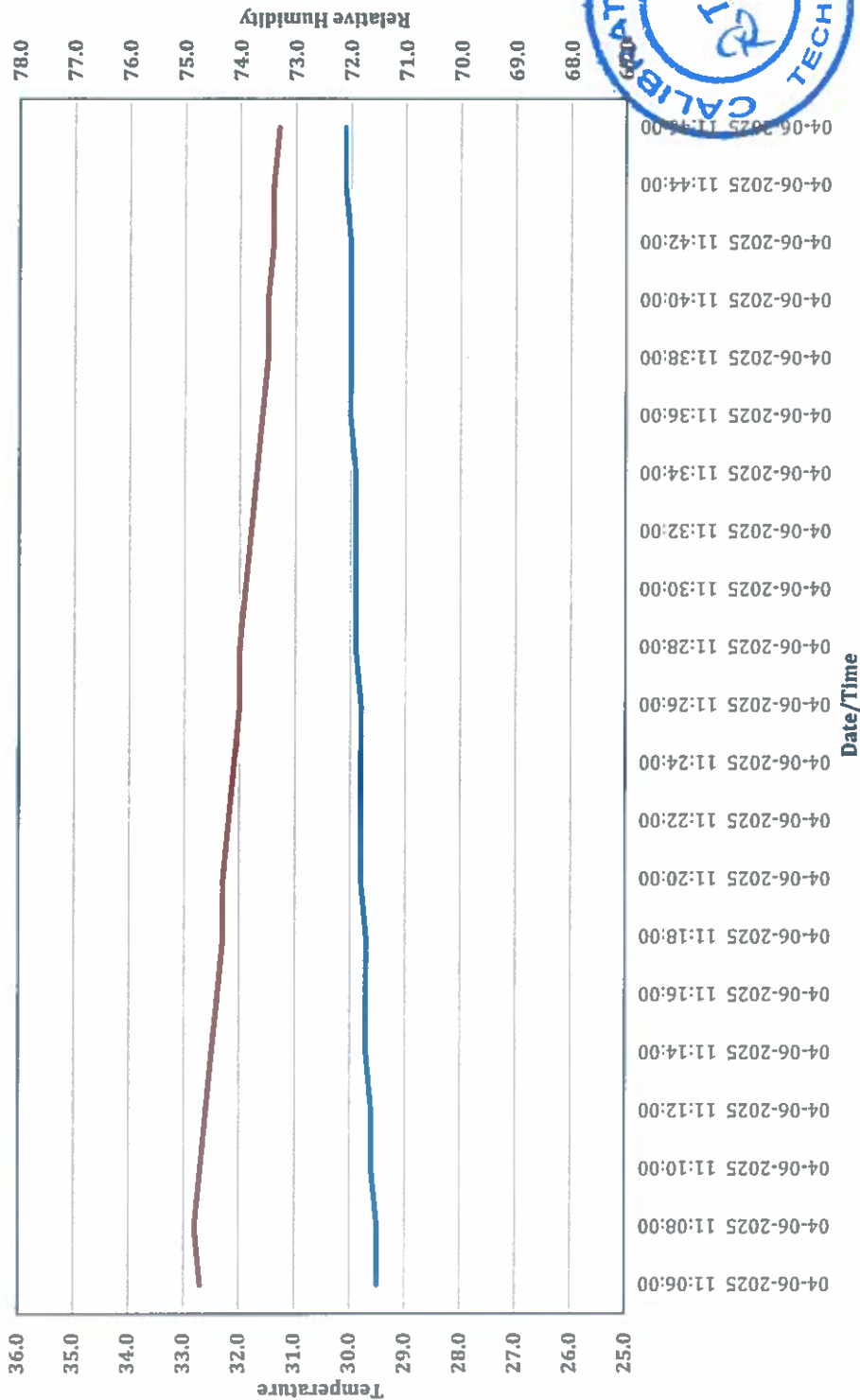
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

1. TZ0322040119

RH (%)



Temp RH



Performance Qualification



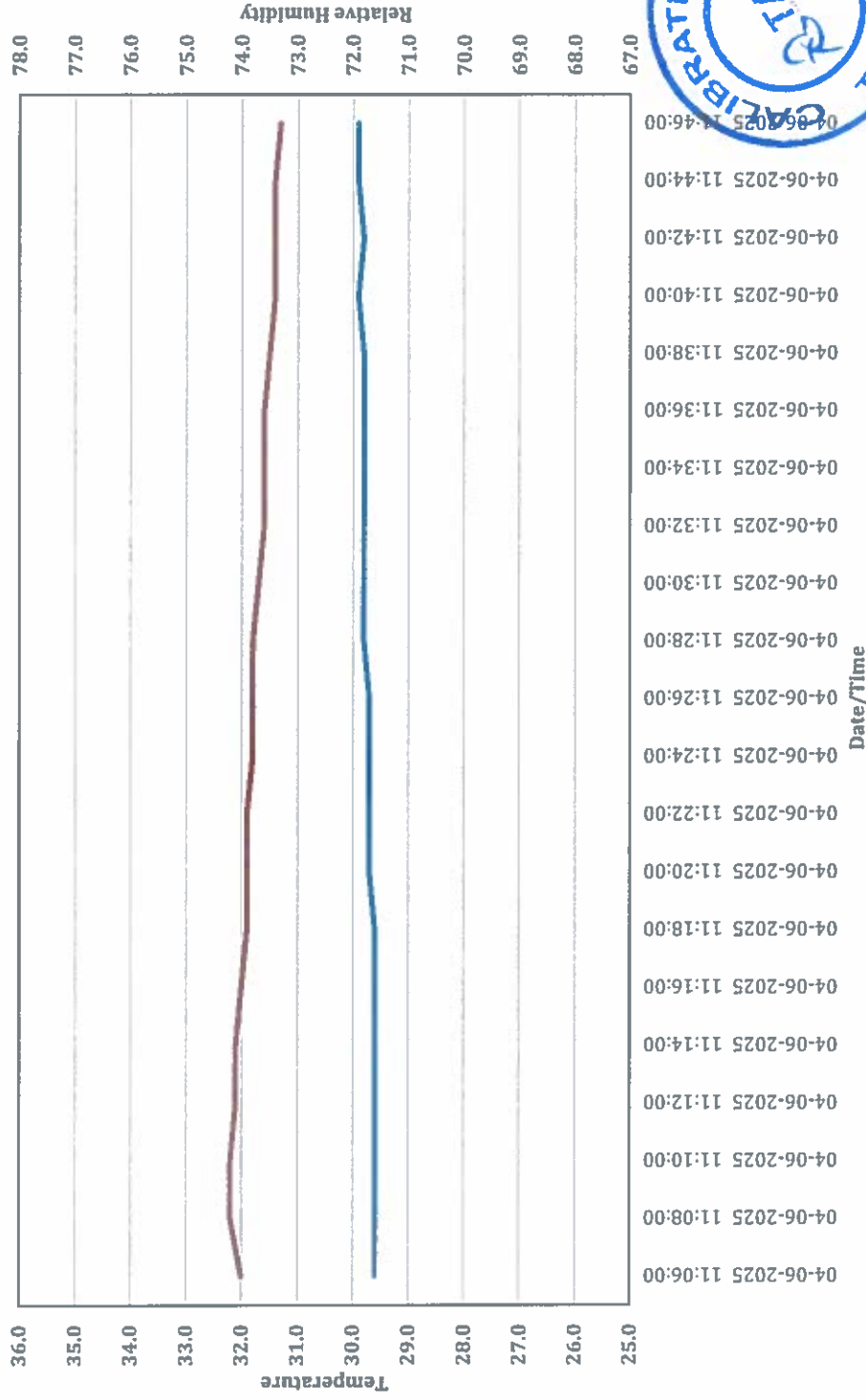
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325	
Sampling Period	37 min (Power Failure)
Start Date/Time	04-06-2025 11:06:00
Stop Date/Time	04-06-2025 11:46:00

T (°C)

2. TZ0323114599

RH (%)



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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

37 min (Power Failure)

Start Date/Time

04-06-2025 11:06:00

Stop Date/Time

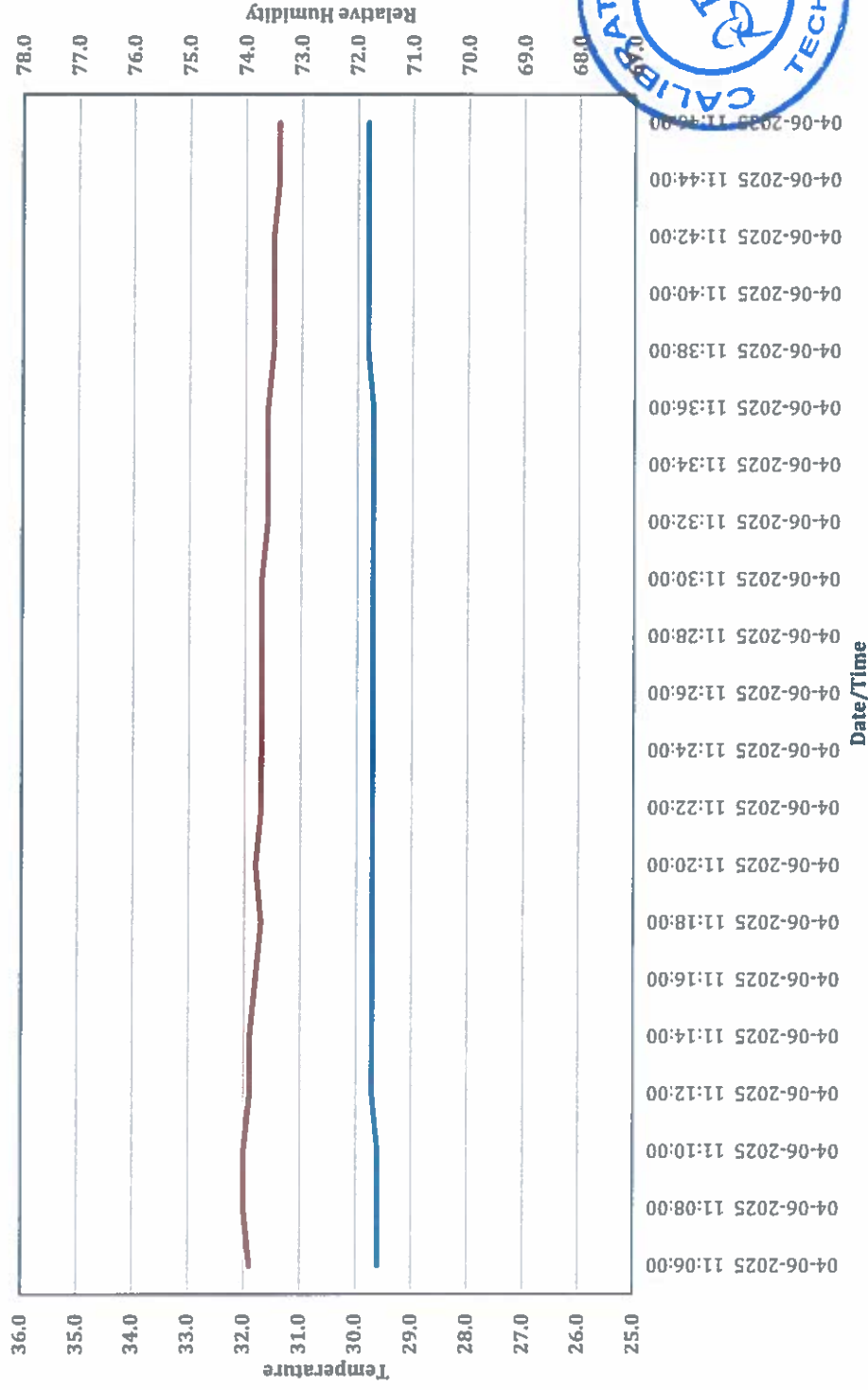
04-06-2025 11:46:00



T (°C)

3. TZ0323114414

RH (%)



Performance Qualification



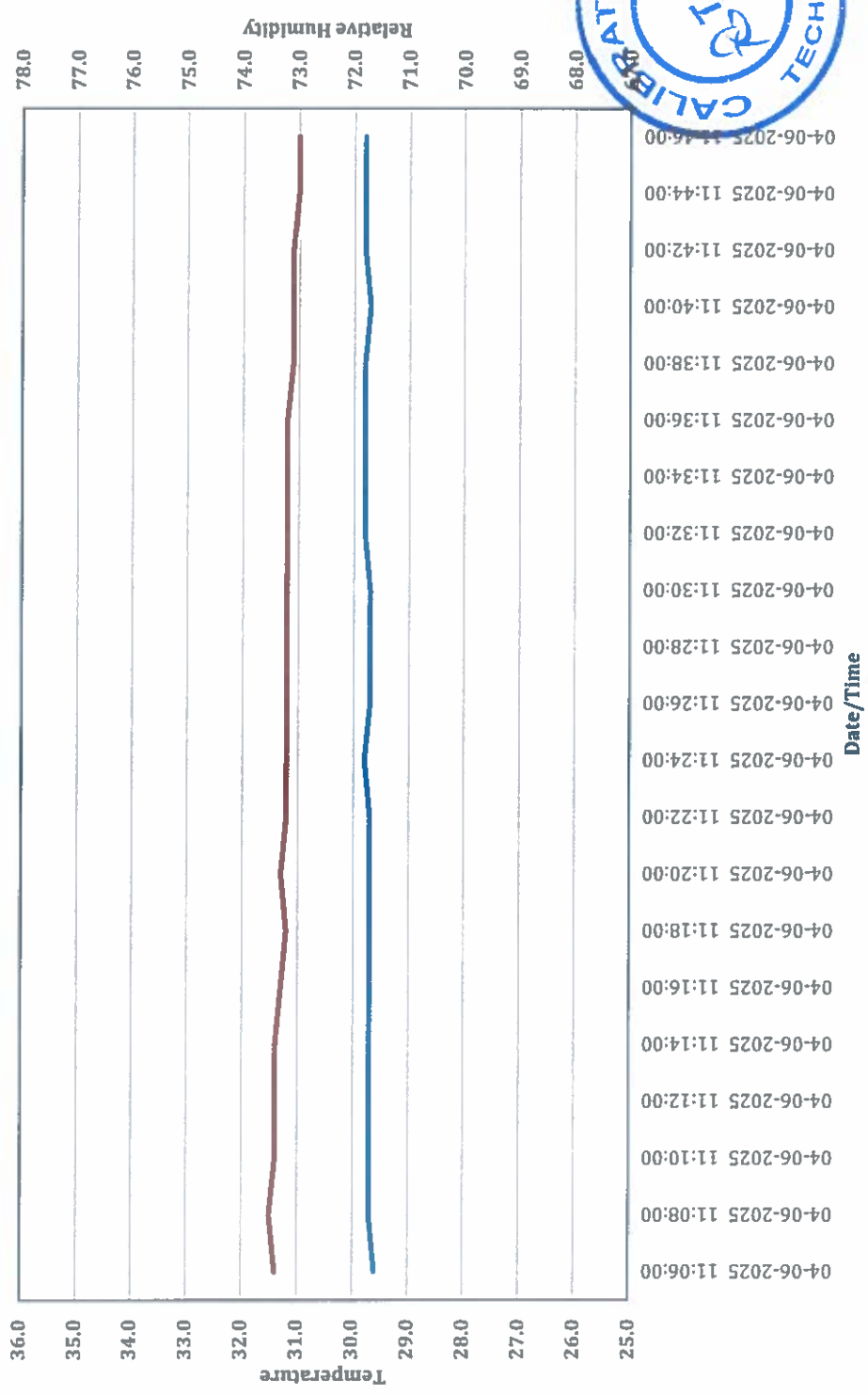
for
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325	
Sampling Period	37 min (Power Failure)
Start Date/Time	04-06-2025 11:06:00
Stop Date/Time	04-06-2025 11:46:00

T (°C)

4. TZ0323114505

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

37 min (Power Failure)

Start Date/Time

04-06-2025 11:06:00

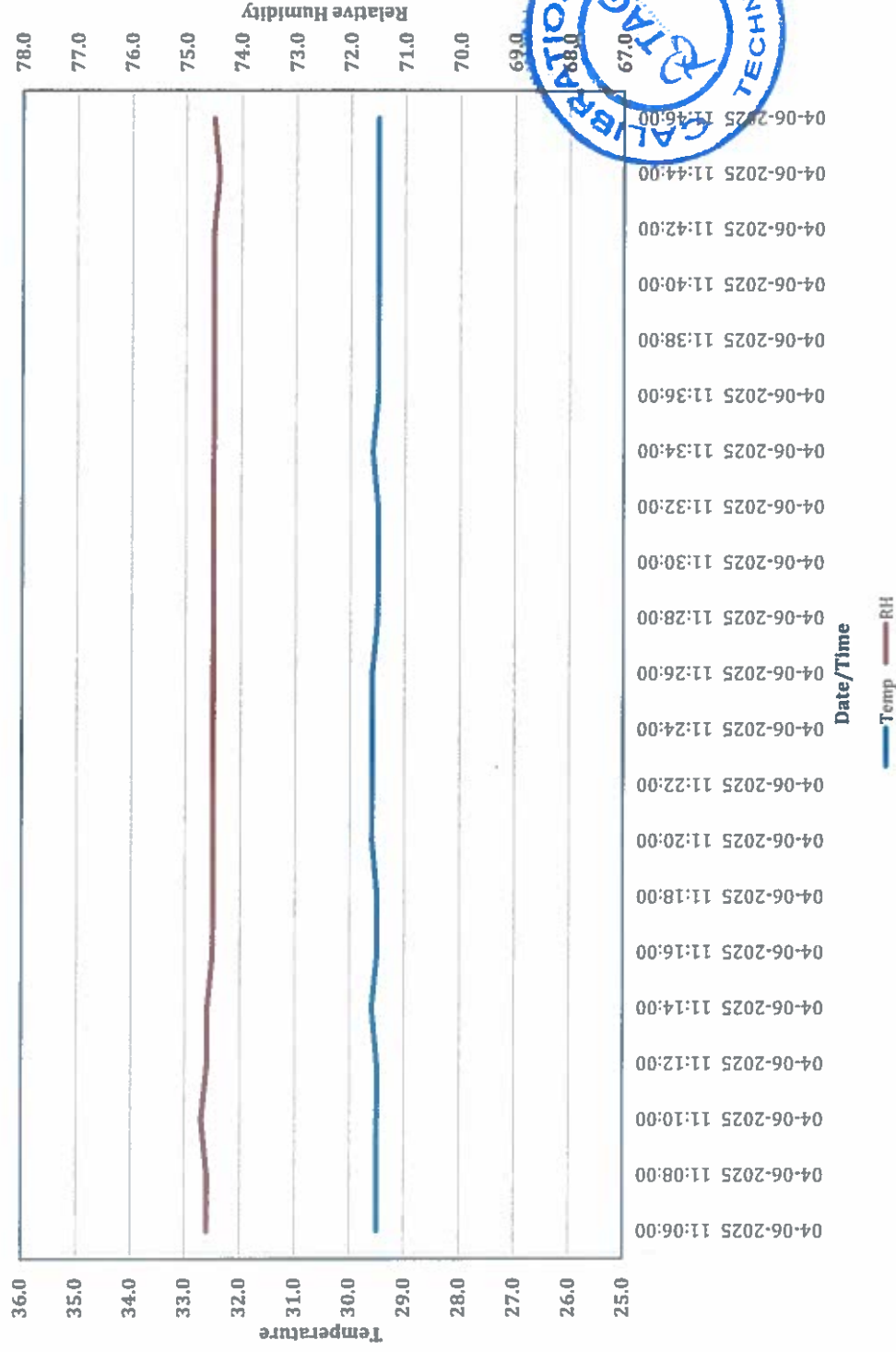
Stop Date/Time

04-06-2025 11:46:00

T (°C)

5. TZ0322040178

RH (%)



Performance Qualification

for
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period
37 min (Power Failure)

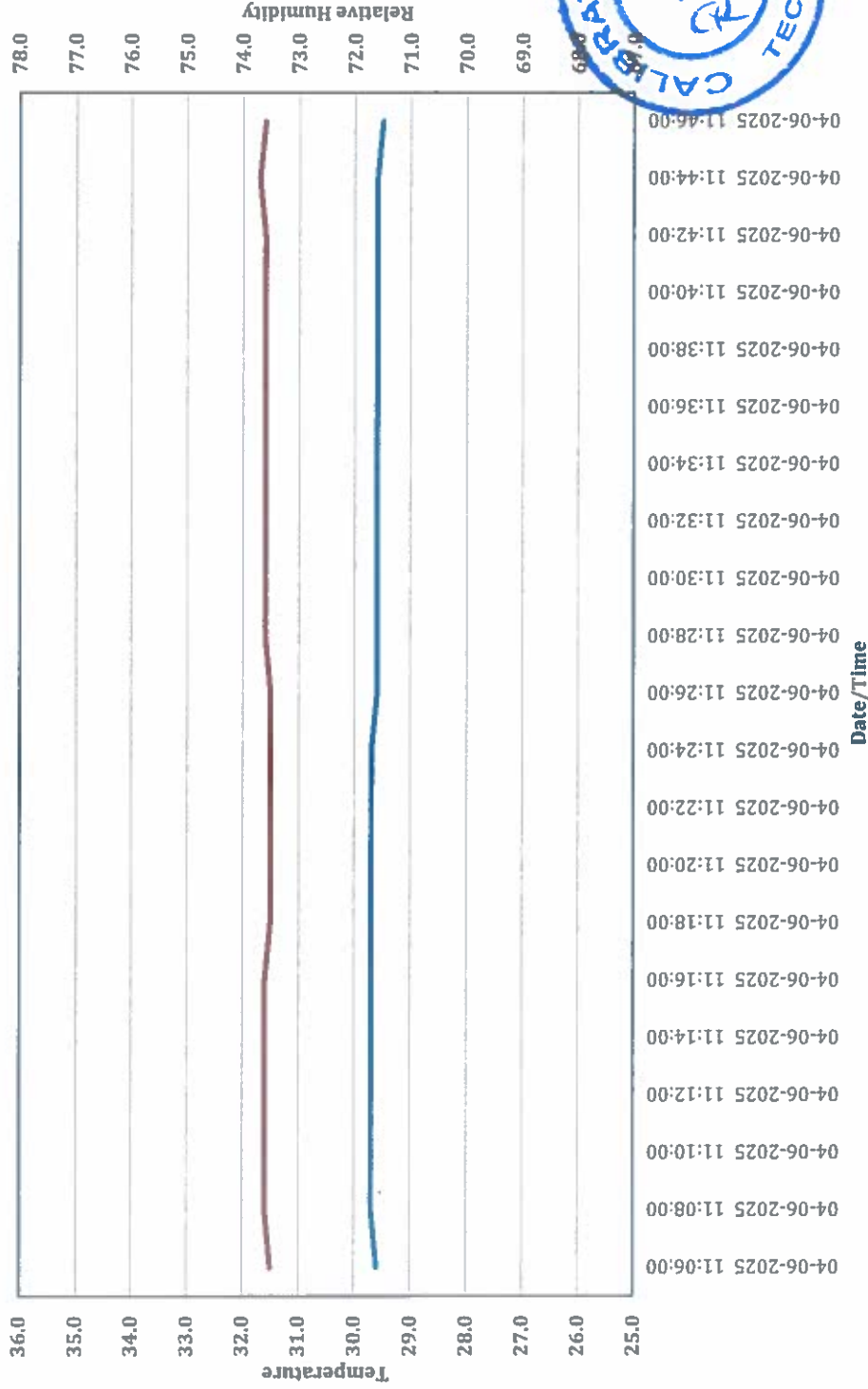
Start Date/Time
04-06-2025 11:06:00

Stop Date/Time
04-06-2025 11:46:00

T (°C)

6. TZ0323114533

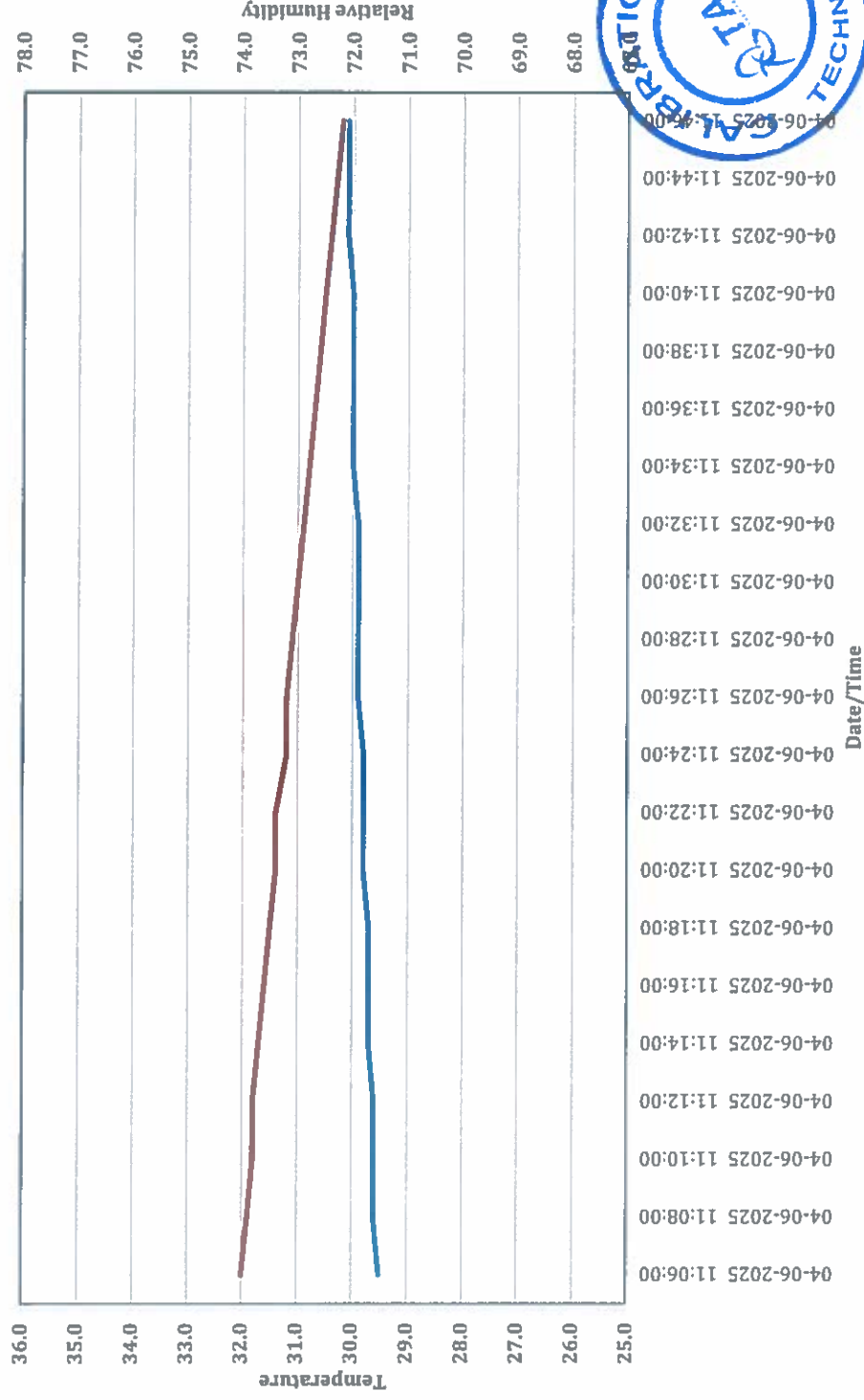
RH (%)



T (°C)

7. TZ0323114558

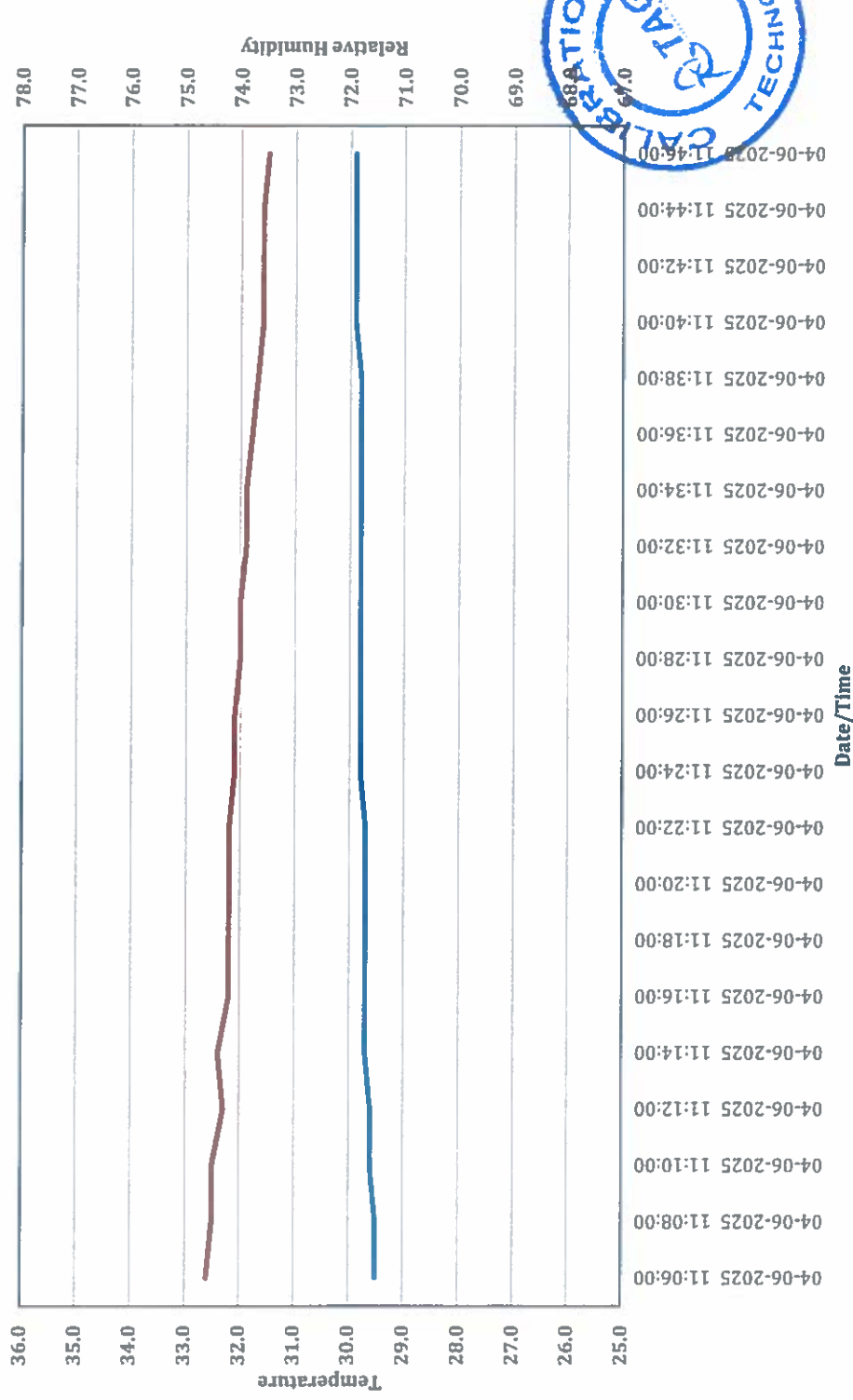
RH (%)



Temp RH

T (°C)

8. TZ0323114520



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Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

Start Date/Time 04-06-2025 11:06:00

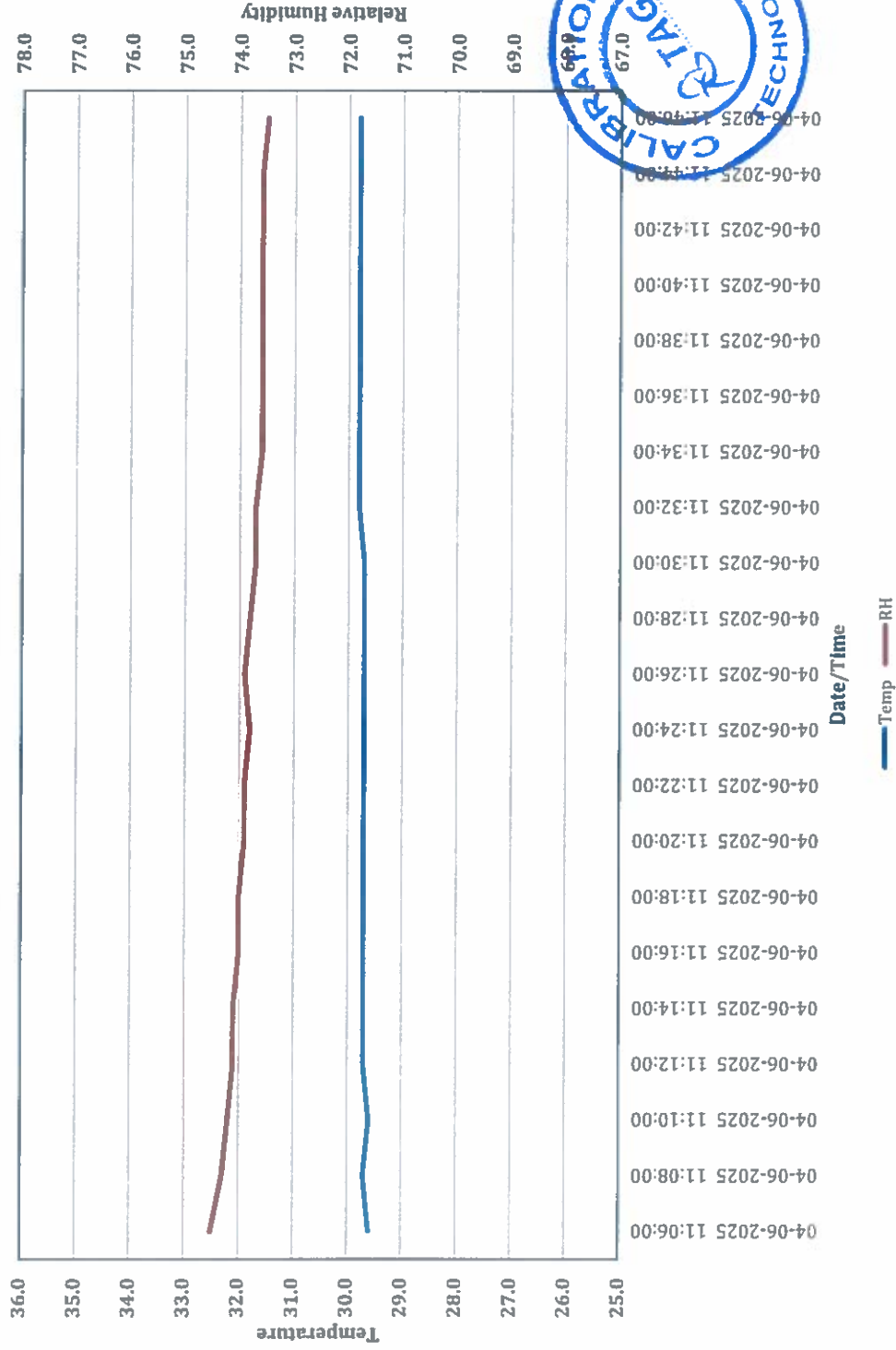
Stop Date/Time 04-06-2025 11:46:00



T (°C)

9. TZ0323114411

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

37 min (Power Failure)

Start Date/Time

04-06-2025 11:06:00

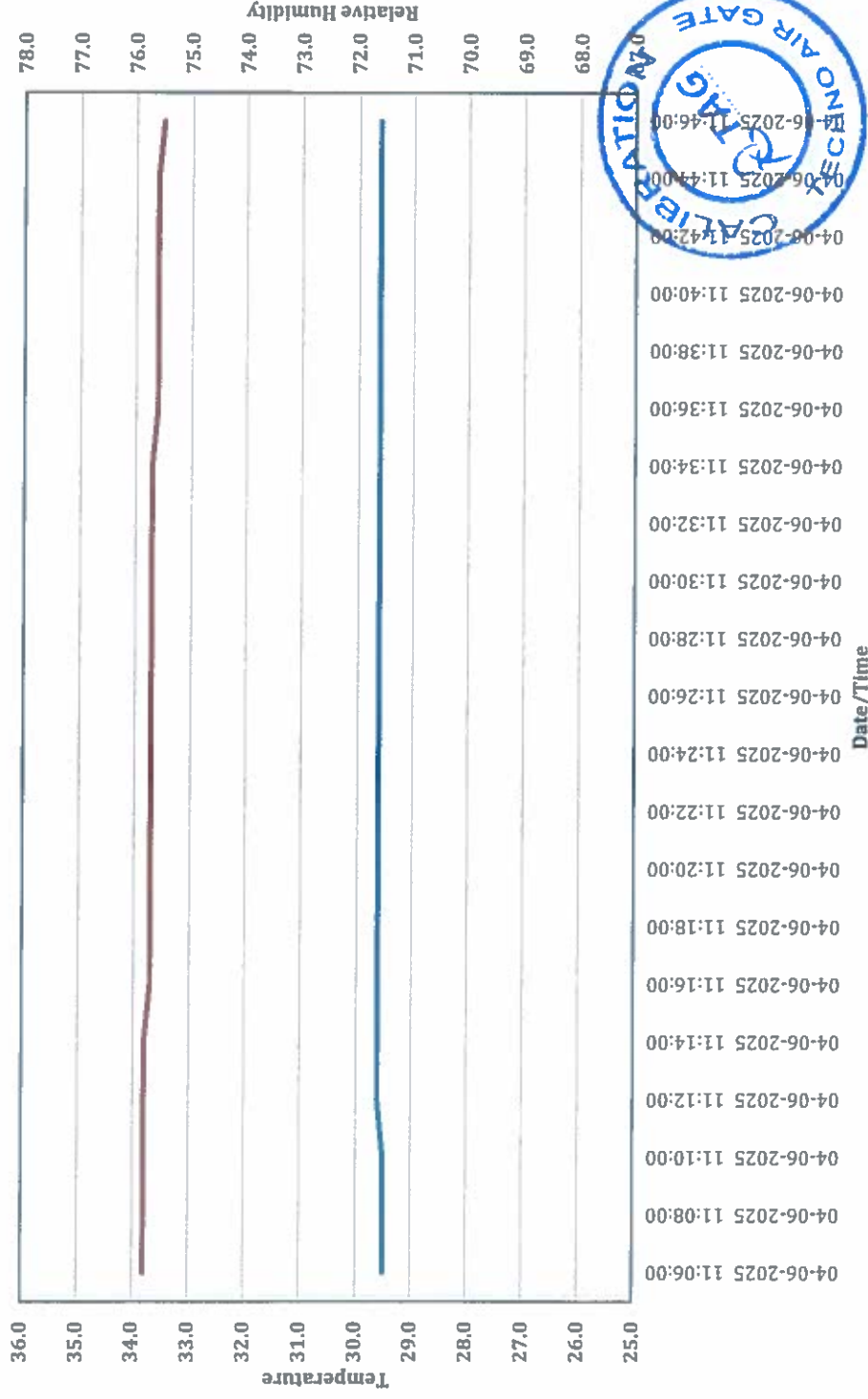
Stop Date/Time

04-06-2025 11:46:00

T (°C)

10. TZ0322040200

RH (%)



Temp RH

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

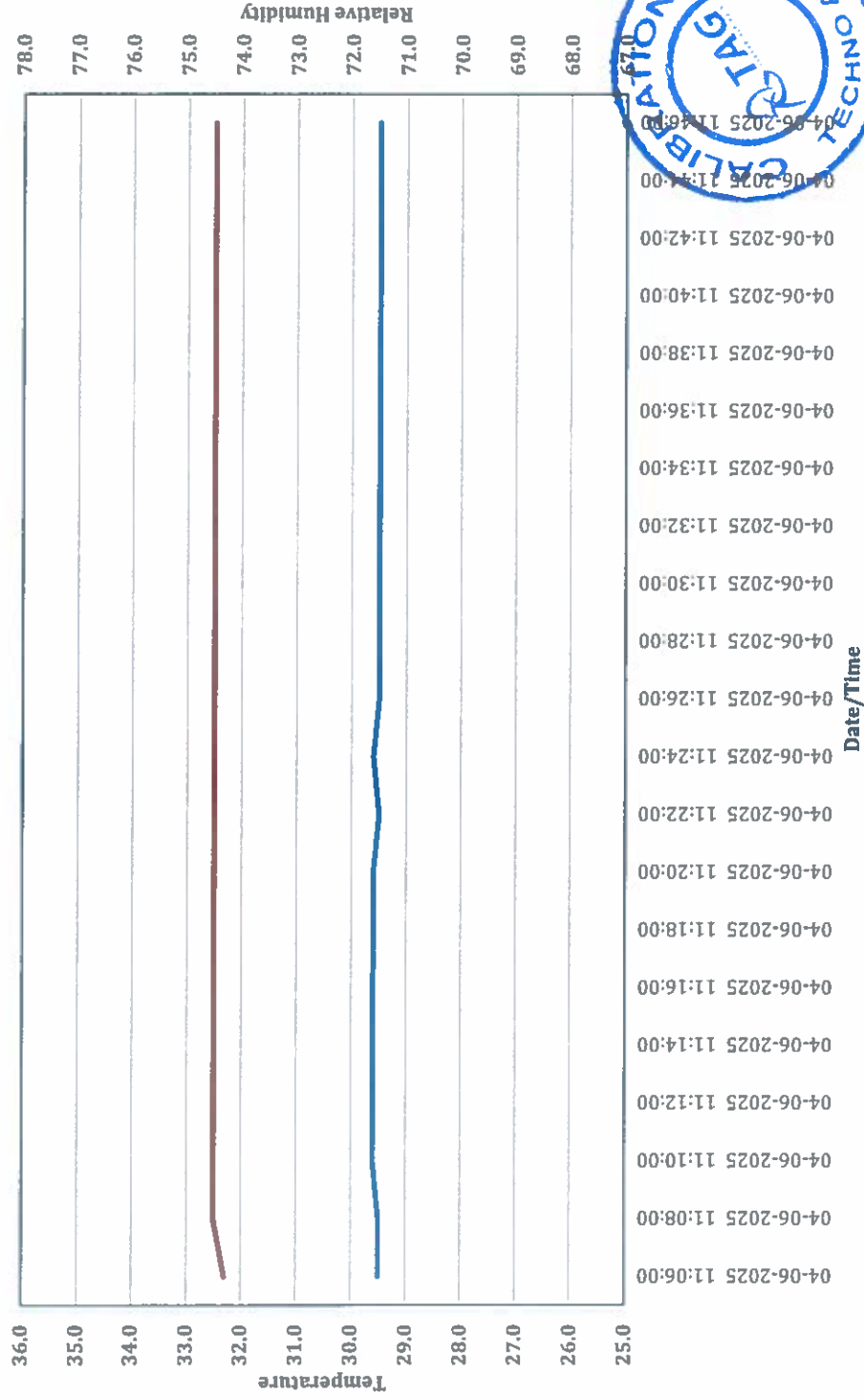
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

11. TZ0322040116

RH (%)



Temp RH

Performance Qualification

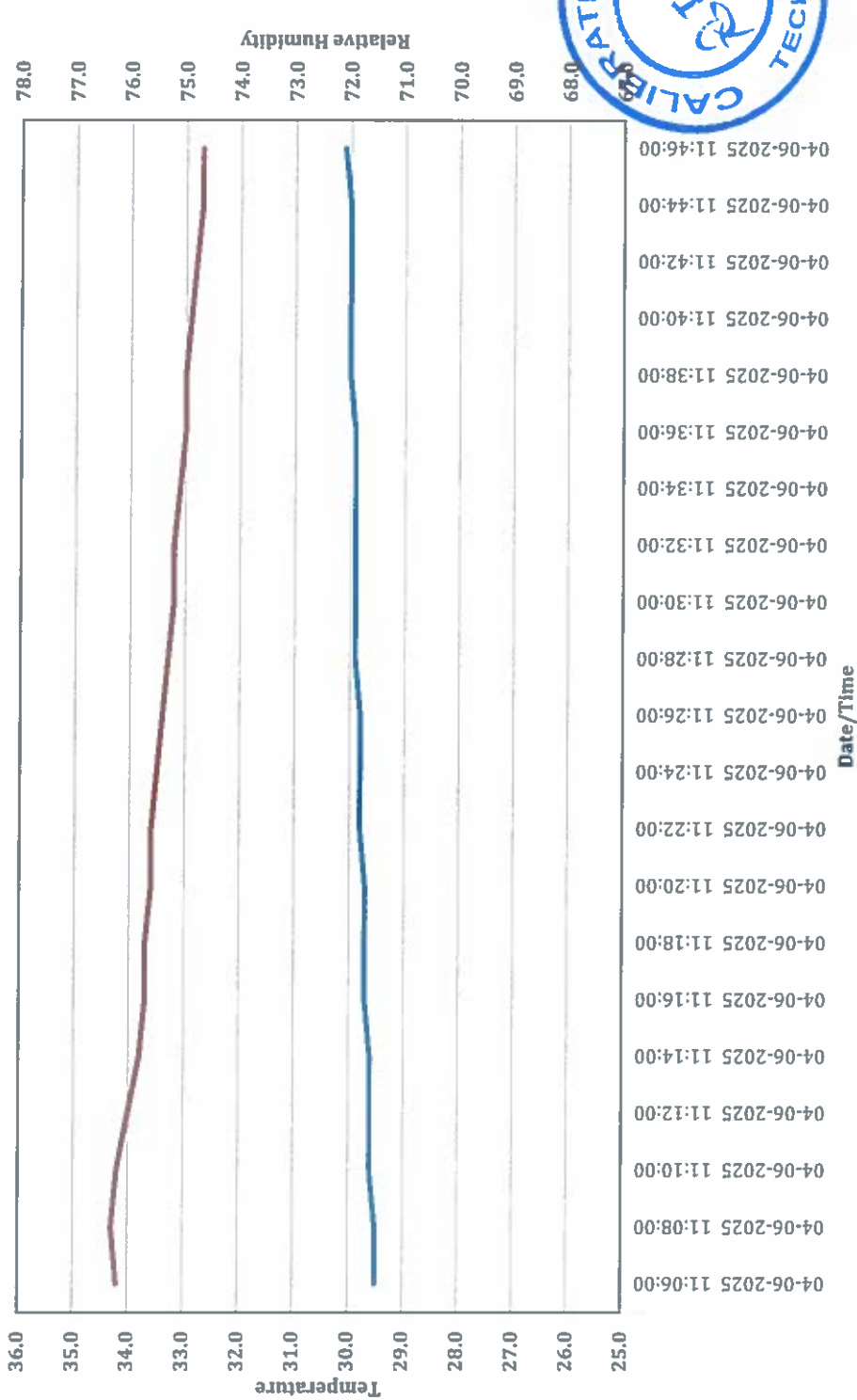
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325	
Sampling Period	37 min (Power Failure)
Start Date/Time	04-06-2025 11:06:00
Stop Date/Time	04-06-2025 11:46:00

T (°C)

12. TZ0322040167



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

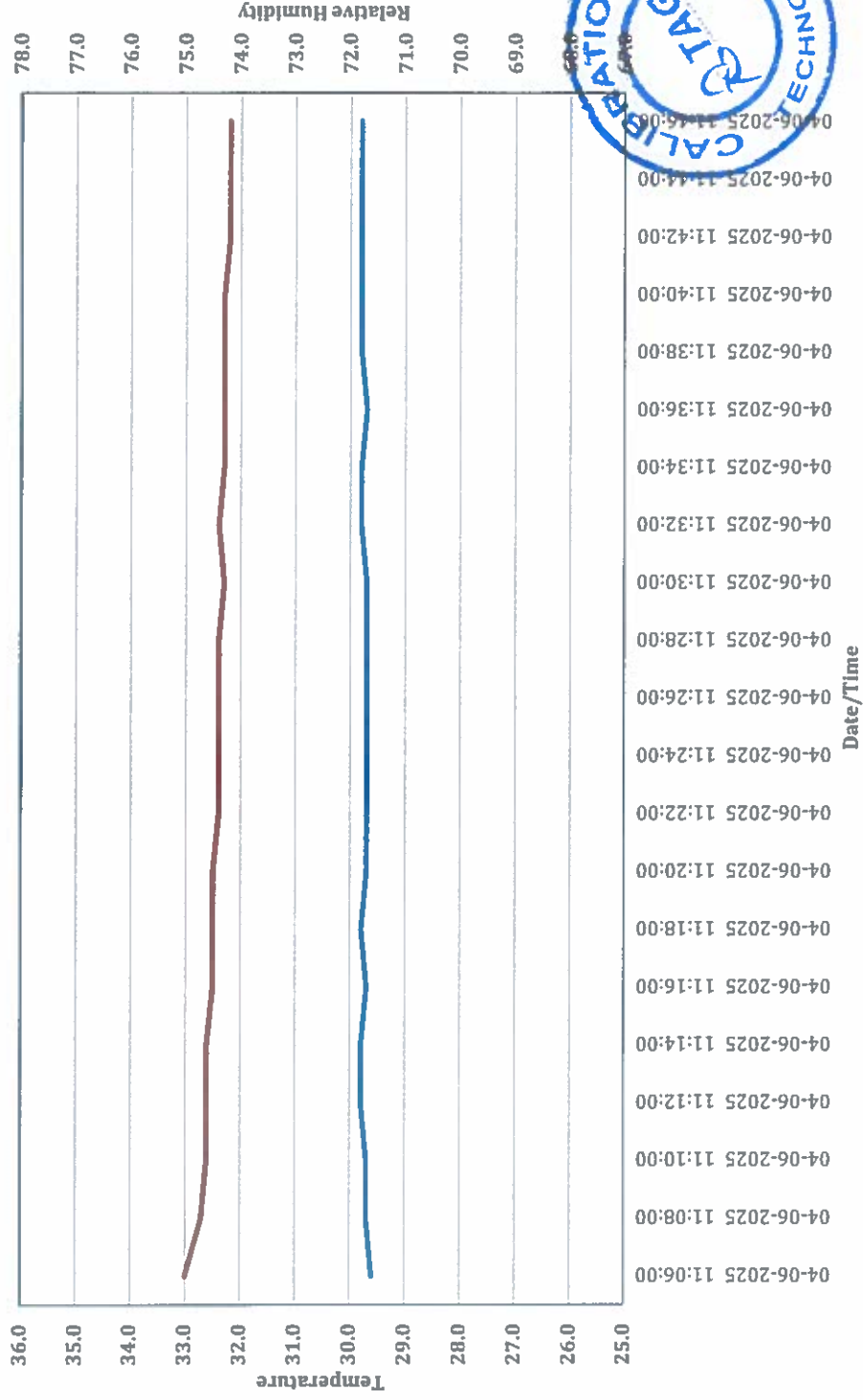
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

13. TZ0322041016

RH (%)



Temp RH

Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

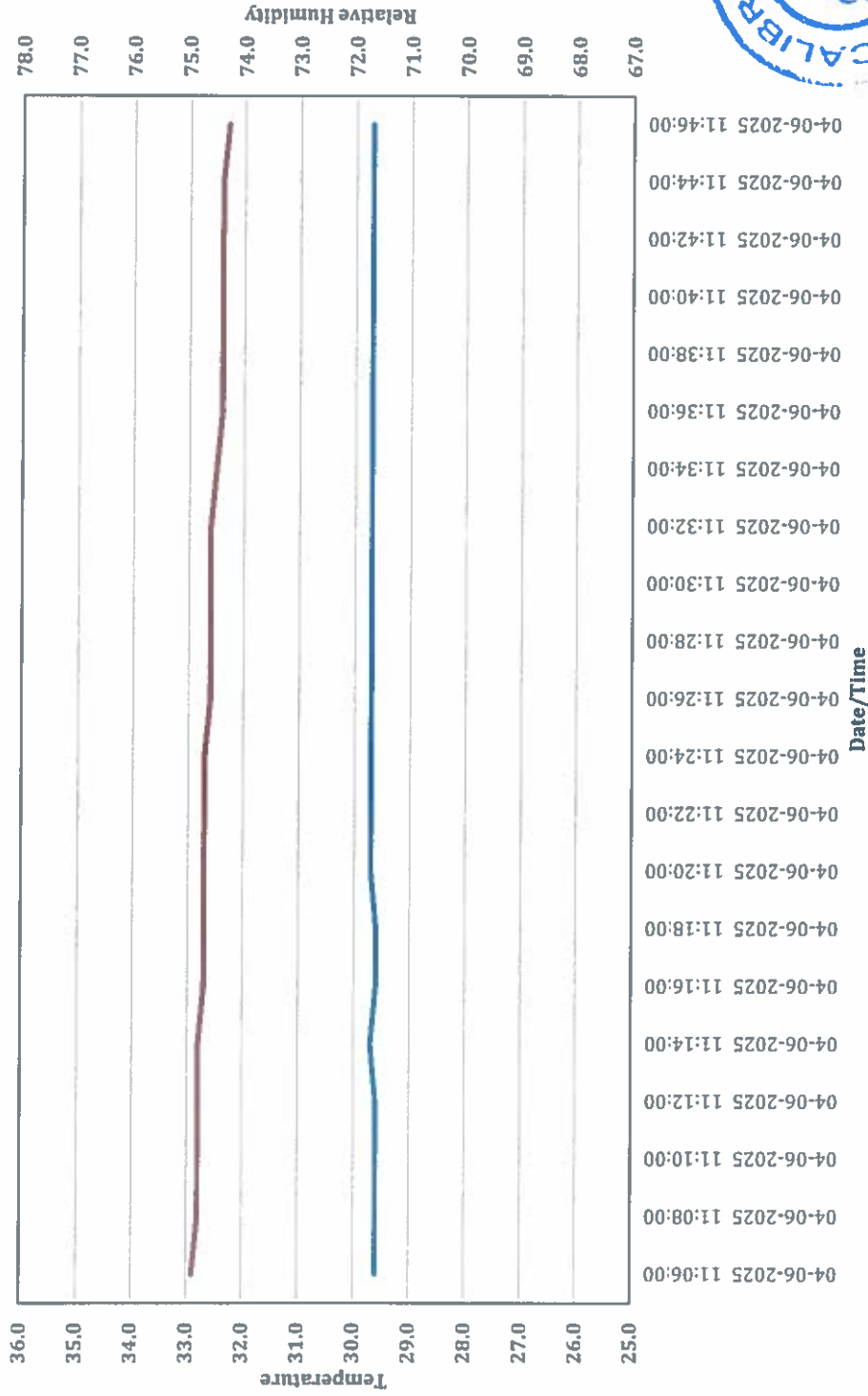
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

14. TZ0322041088

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

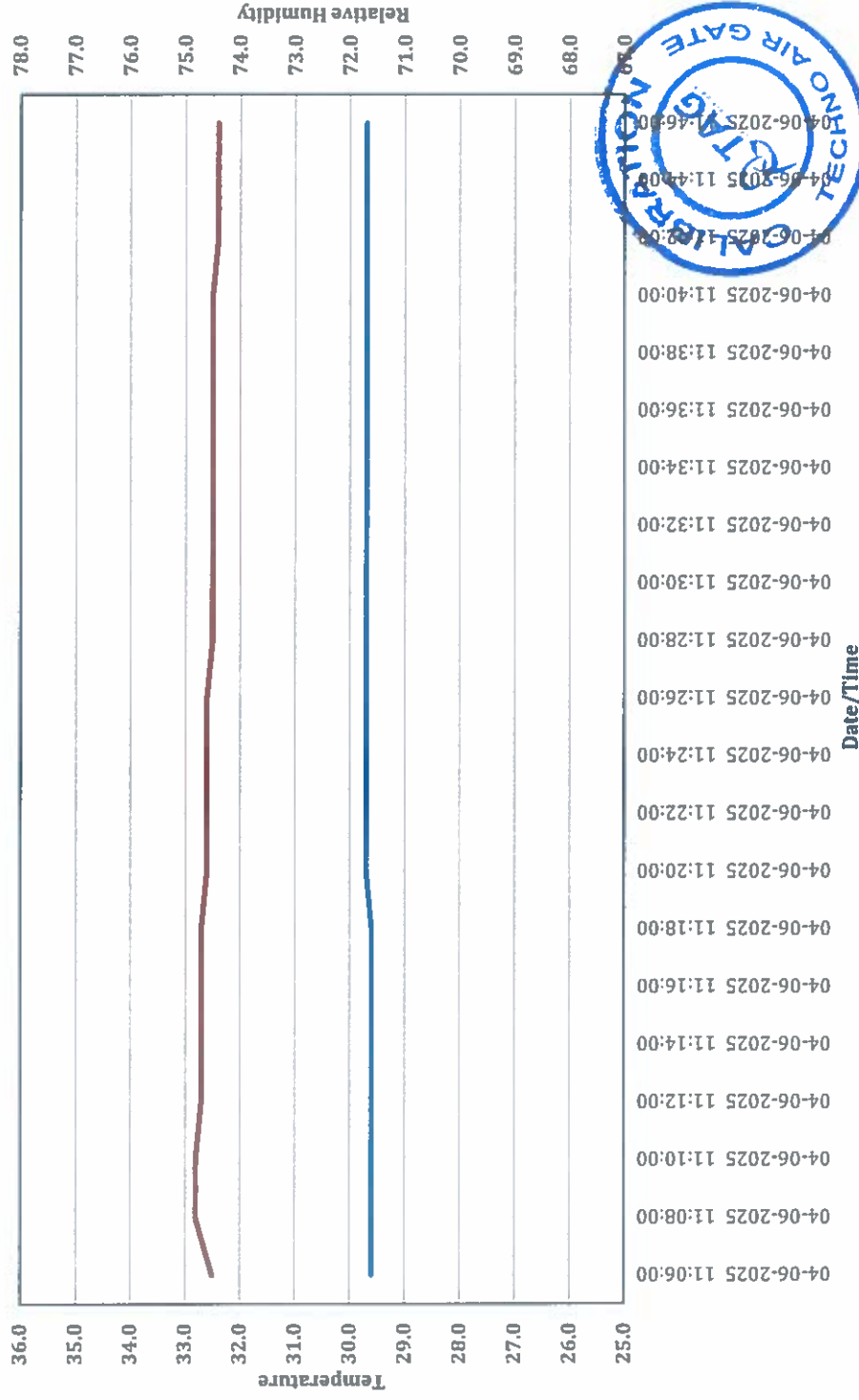
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

15. TZ0322040187

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

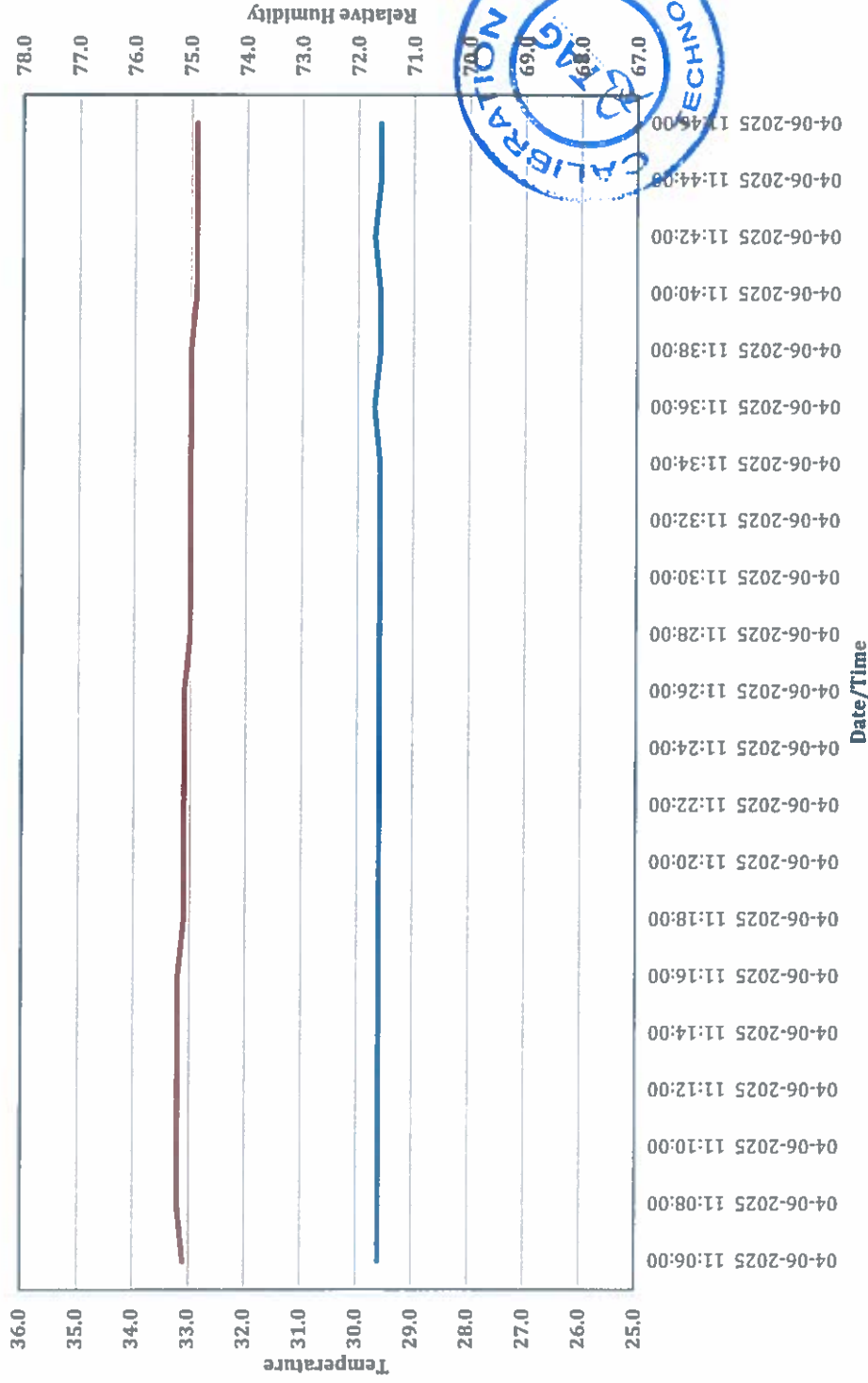
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

16. TZ0322041094

RH (%)



Temp RH

Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

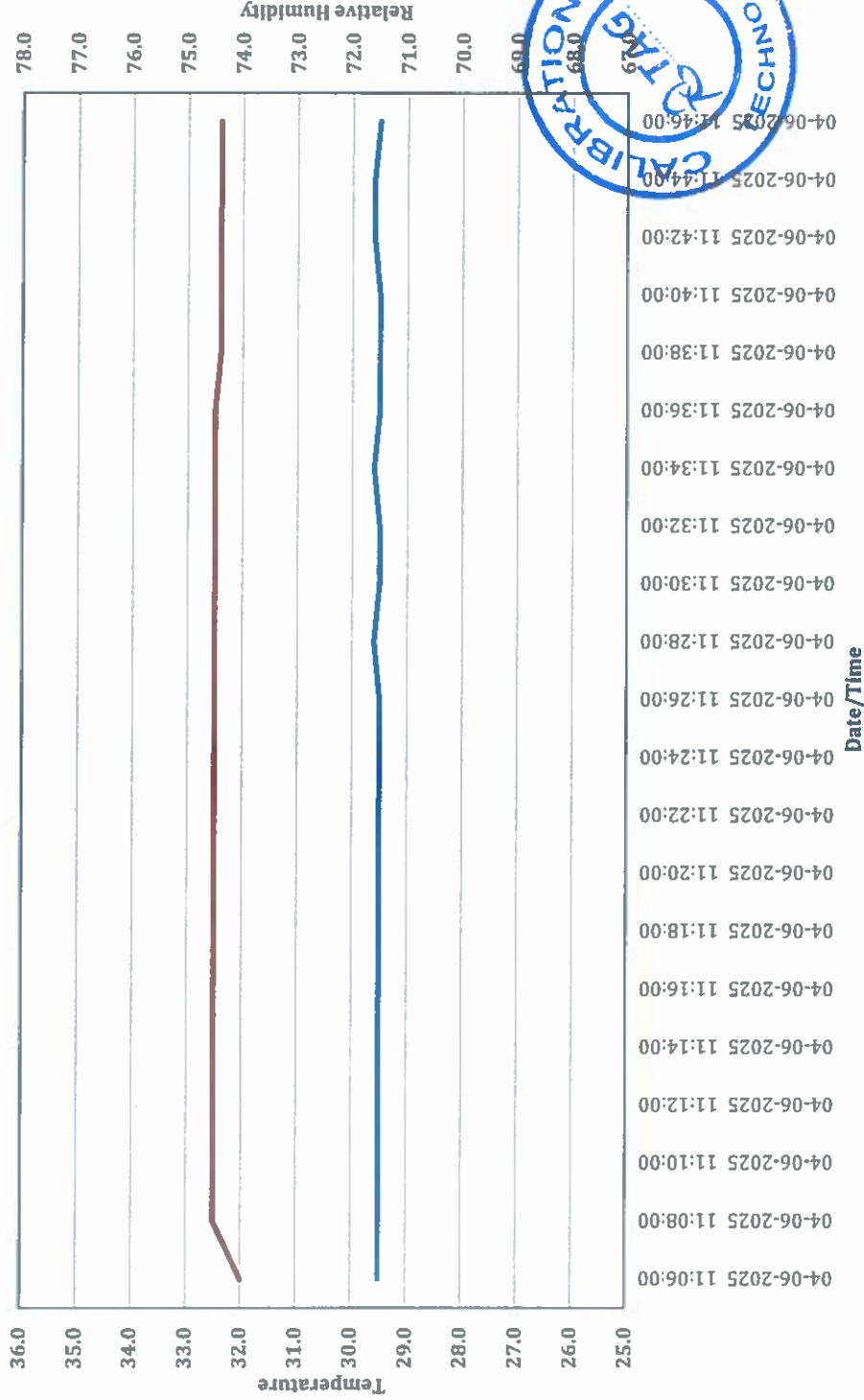
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

17. TZ0322040105

RH (%)



Temp RH

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

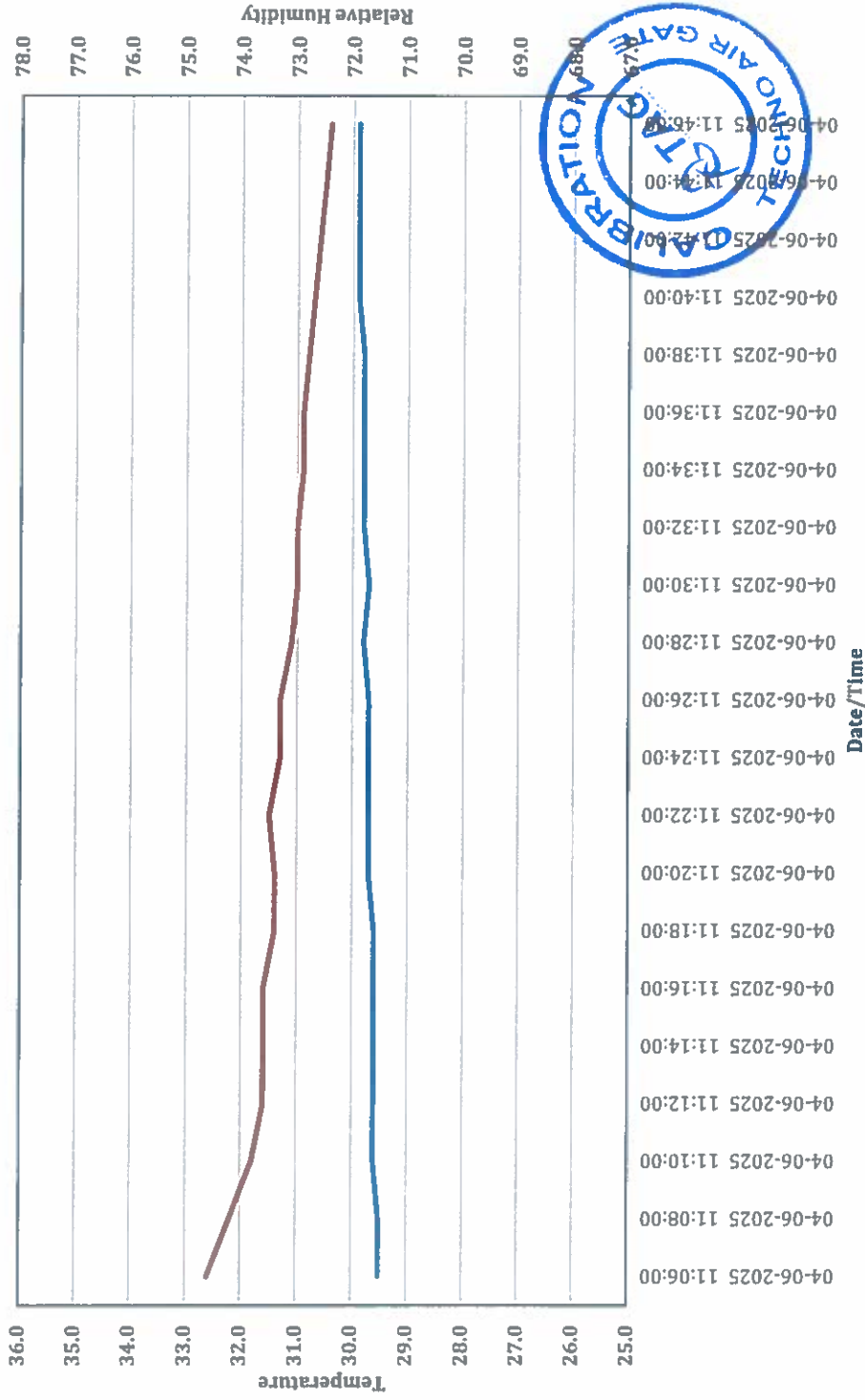
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

18. TZ0322040172

RH (%)

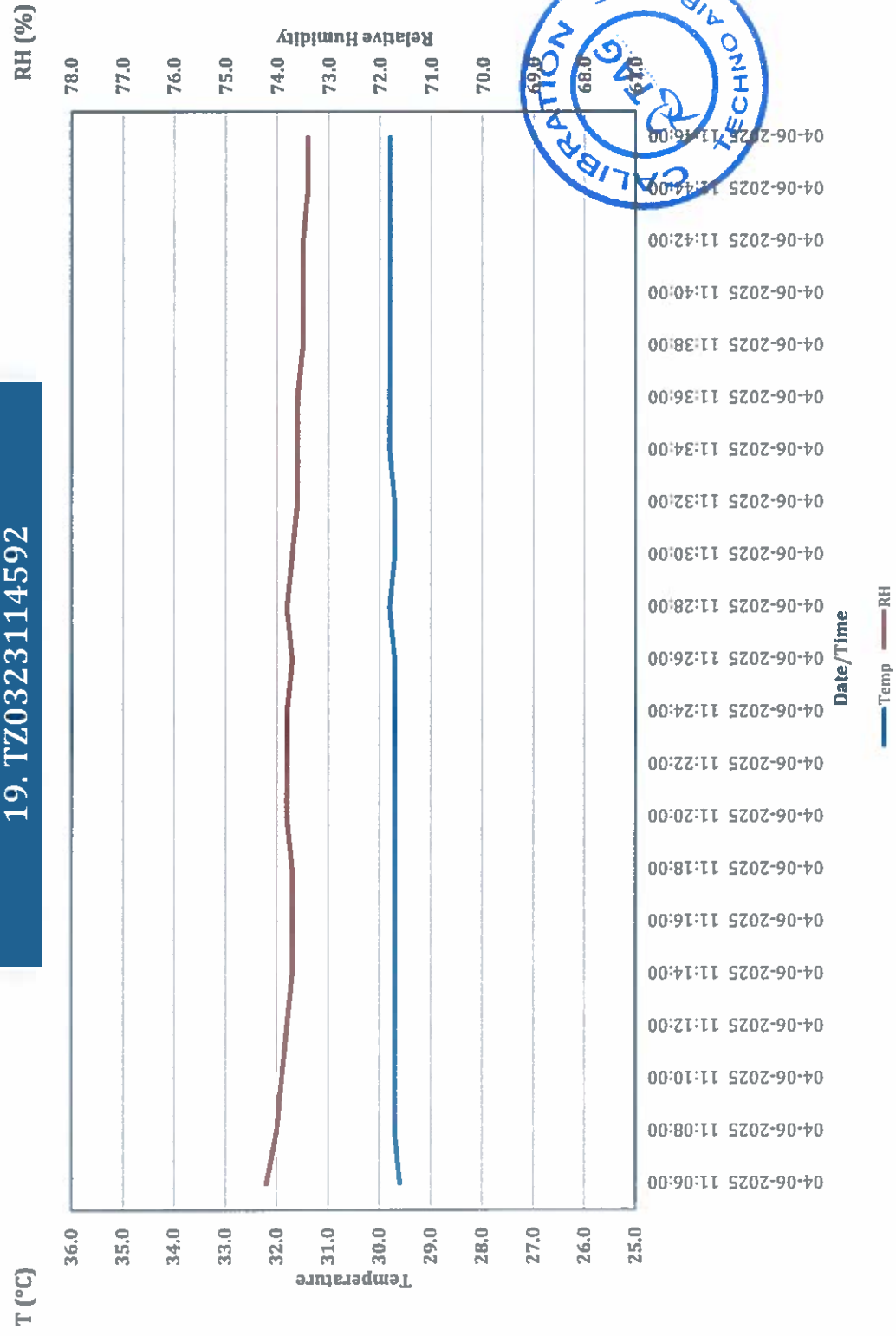


Performance Qualification

for
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325	
Sampling Period	37 min (Power Failure)
Start Date/Time	04-06-2025 11:06:00
Stop Date/Time	04-06-2025 11:46:00

19. TZ0323114592



Performance Qualification

for
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

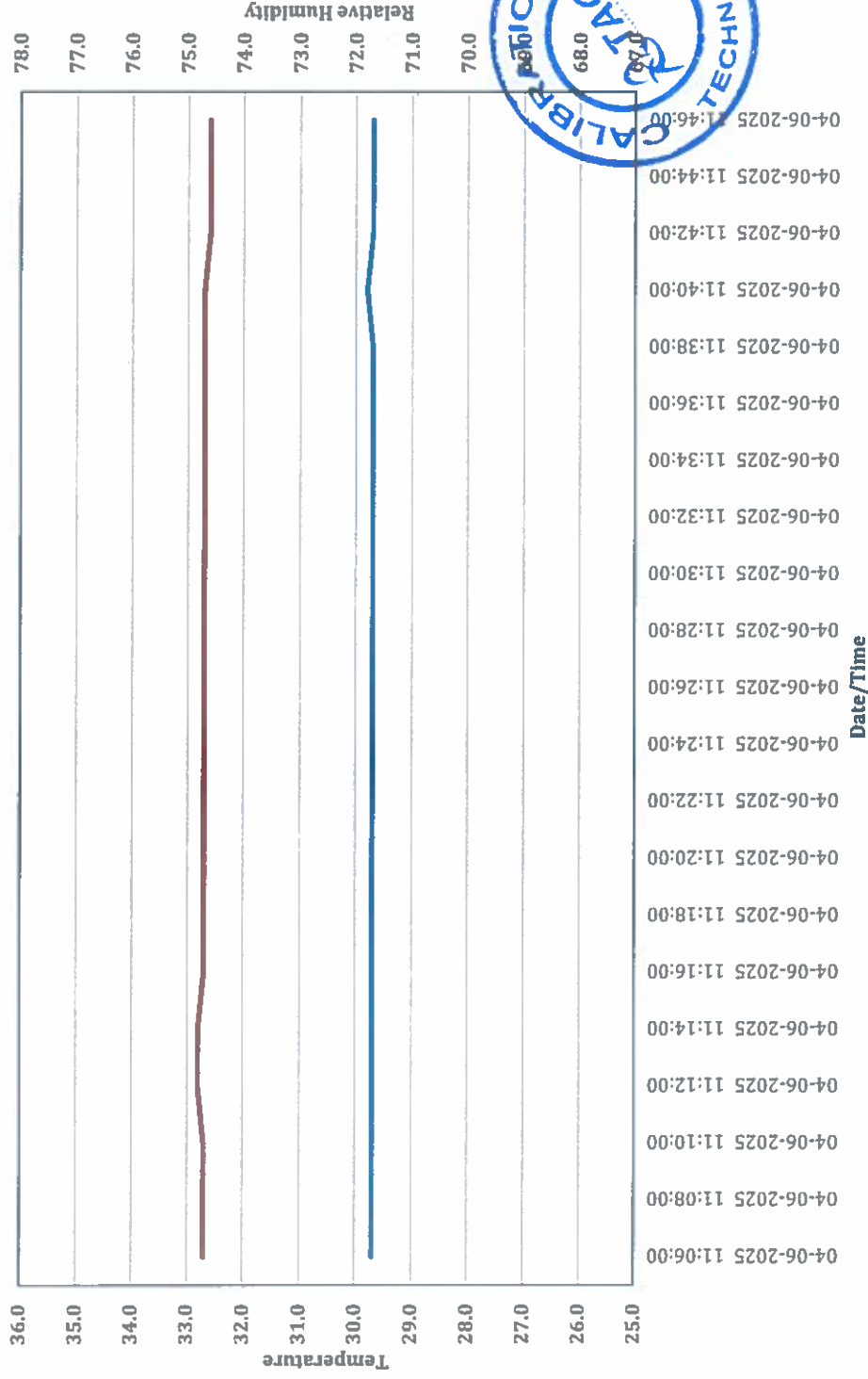
Sampling Period 37 min (Power Failure)

Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

20. TZ0322040112



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 37 min (Power Failure)

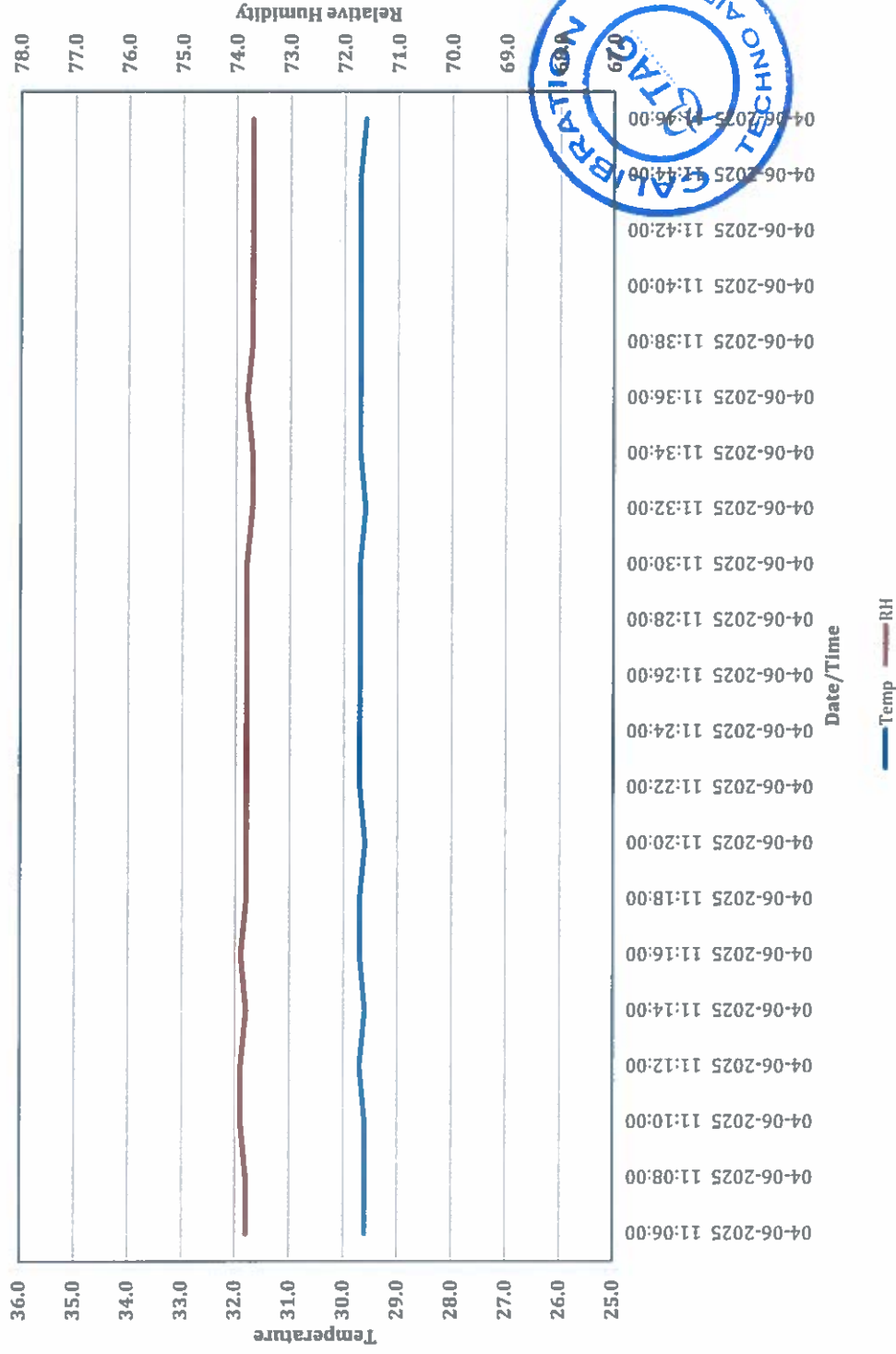
Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

21. TZ0323114408

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

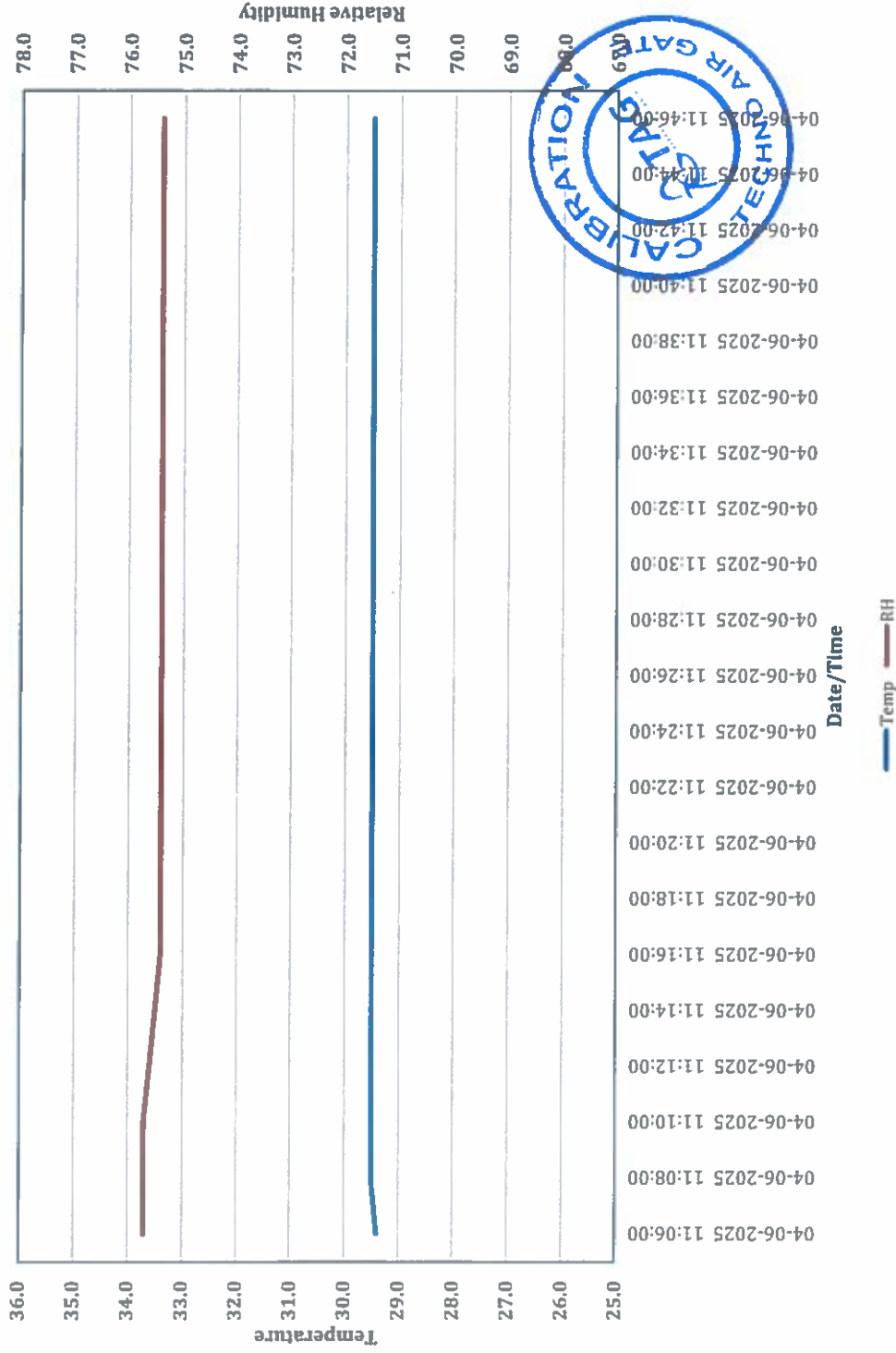
Sampling Period 37 min (Power Failure)

Start Date/Time 04-06-2025 11:06:00

Stop Date/Time 04-06-2025 11:46:00

T (°C)

22. TZ0322041147



 THE LIFE YOU DESERVE	Vol 01) Annex 01.02) Turn Over Package Walk-In Accelerated Stability Chamber (QC-STB-04)			
Jun., 2025	Rev. No.: 00	Doc. No.: TOP-Q-00325	F-7.4/35 Issue Date:02/02/2025	Page 5 of 9

VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01
ATTACHMENTS

ATTACHMENTS 01.02.01.03
Door Opening Printouts



STABILITY CHAMBER PERFORMANCE QUALIFICATION

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

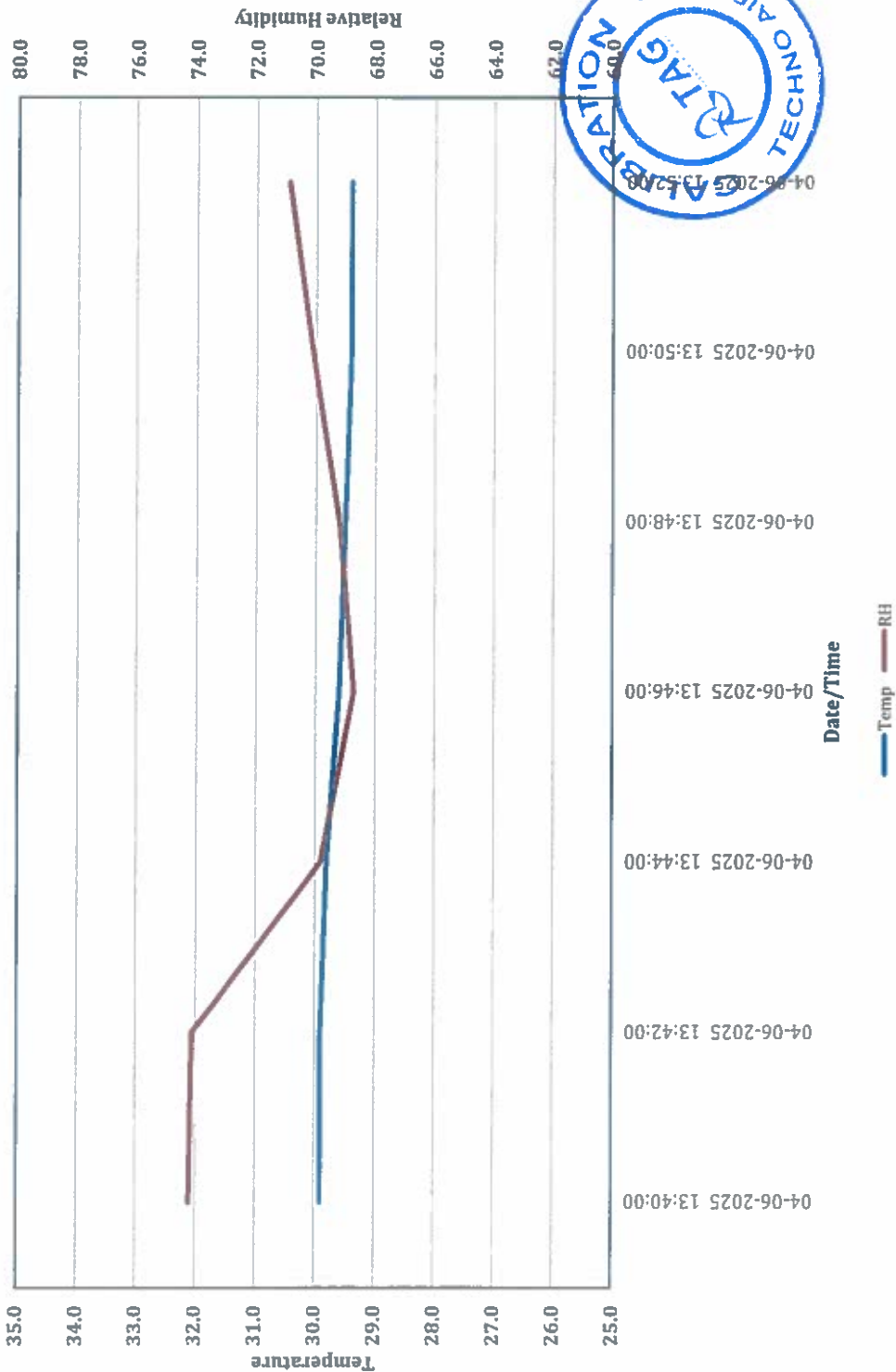
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

1. TZ03222040119

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

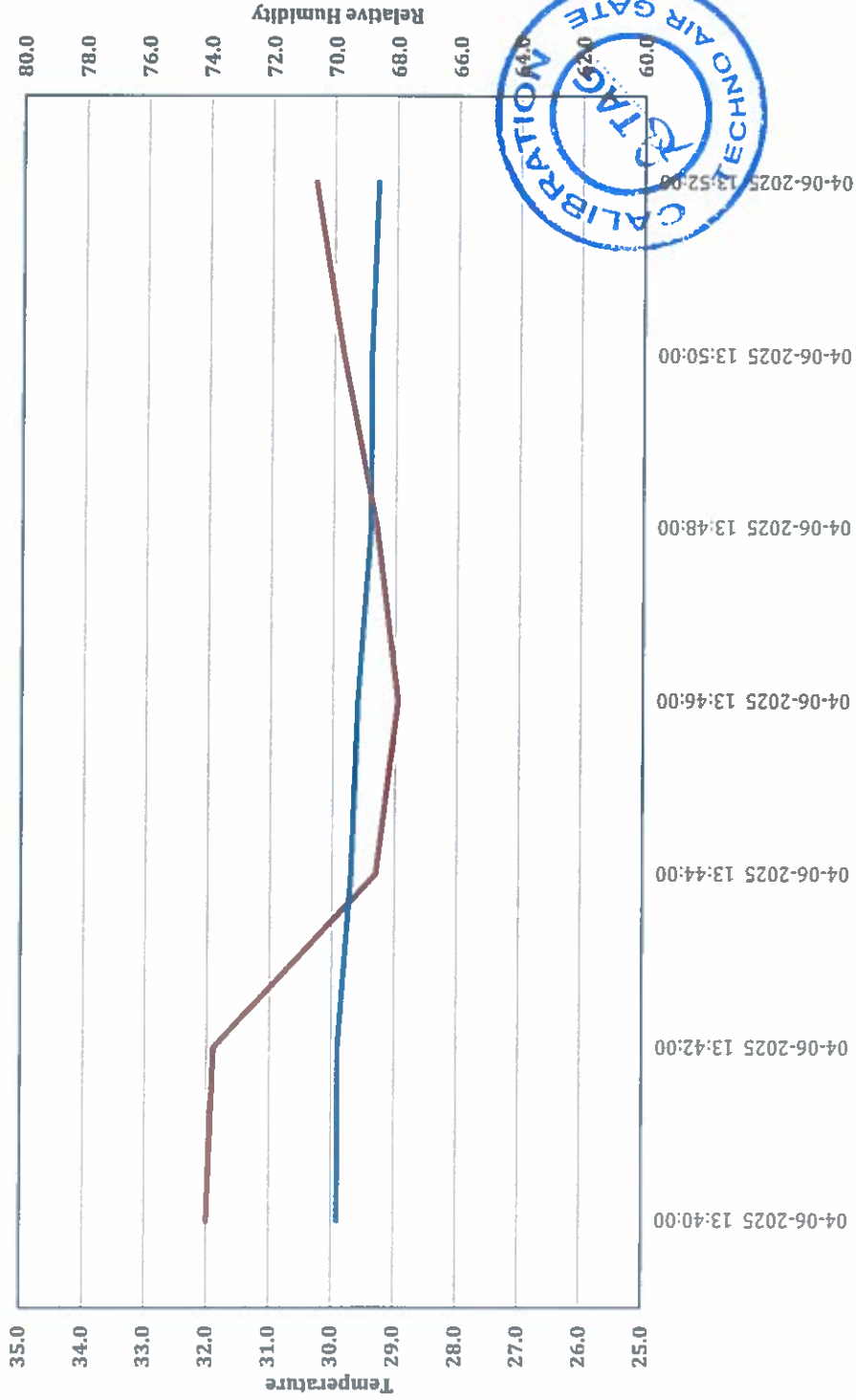
Stop Date/Time

04-06-2025 13:52:00

T (°C)

2. TZ0323114599

RH (%)



Date/Time

Temp RH

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

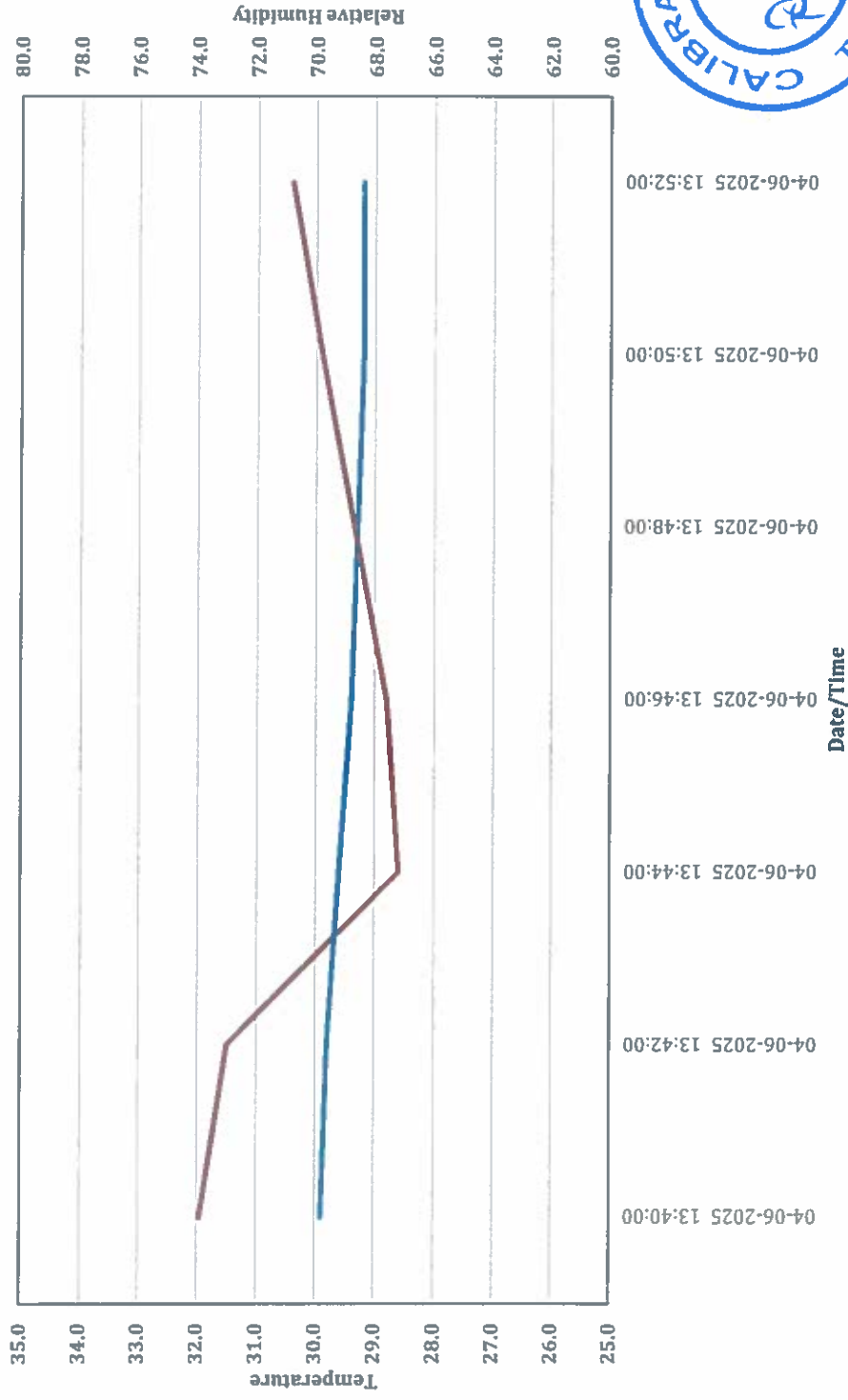
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

3. TZ0323114414

RH (%)



Performance Qualification

for
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period
5 min (Open Door)

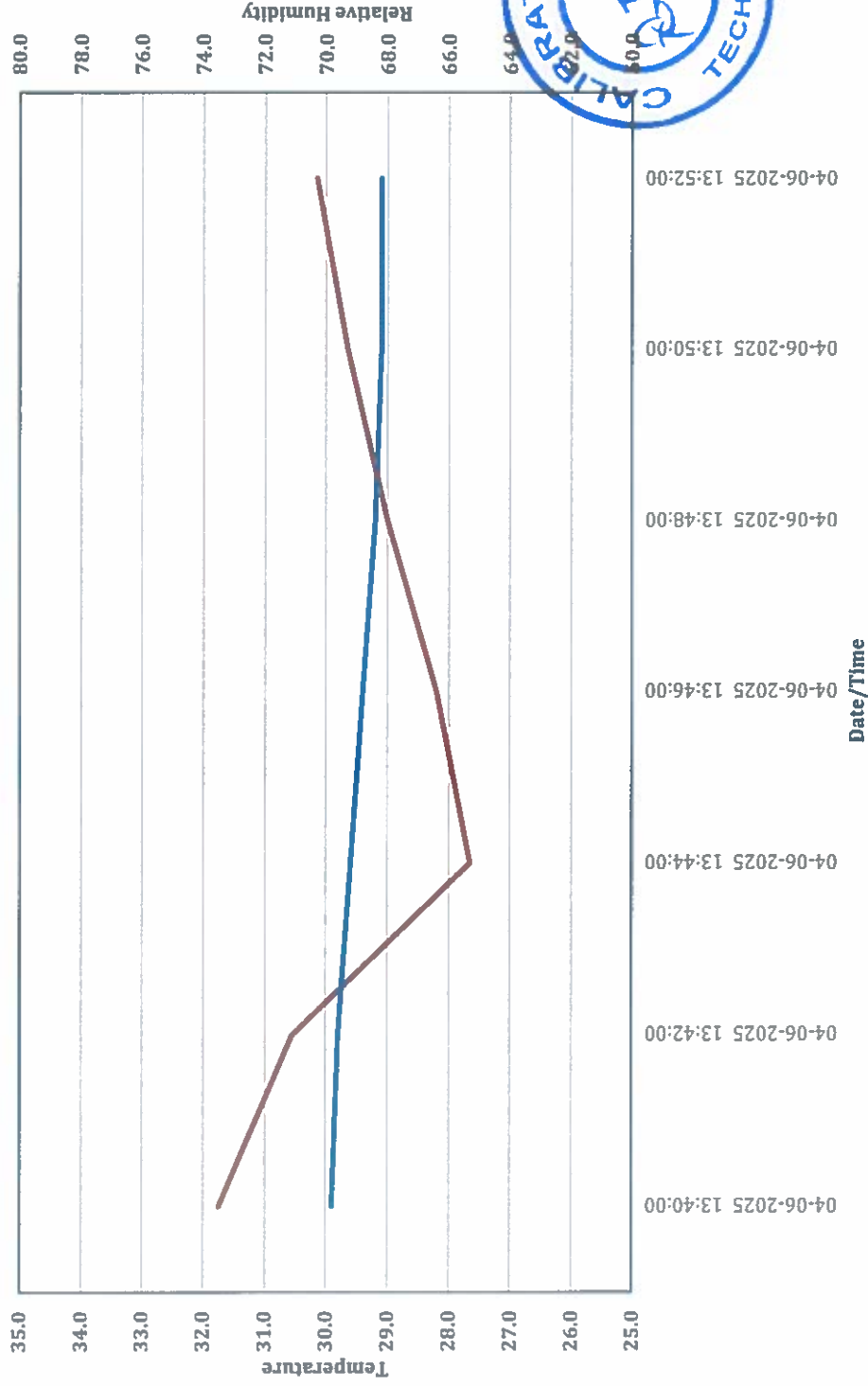
Start Date/Time
04-06-2025 13:40:00

Stop Date/Time
04-06-2025 13:52:00

T (°C)

4. TZ0323114505

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

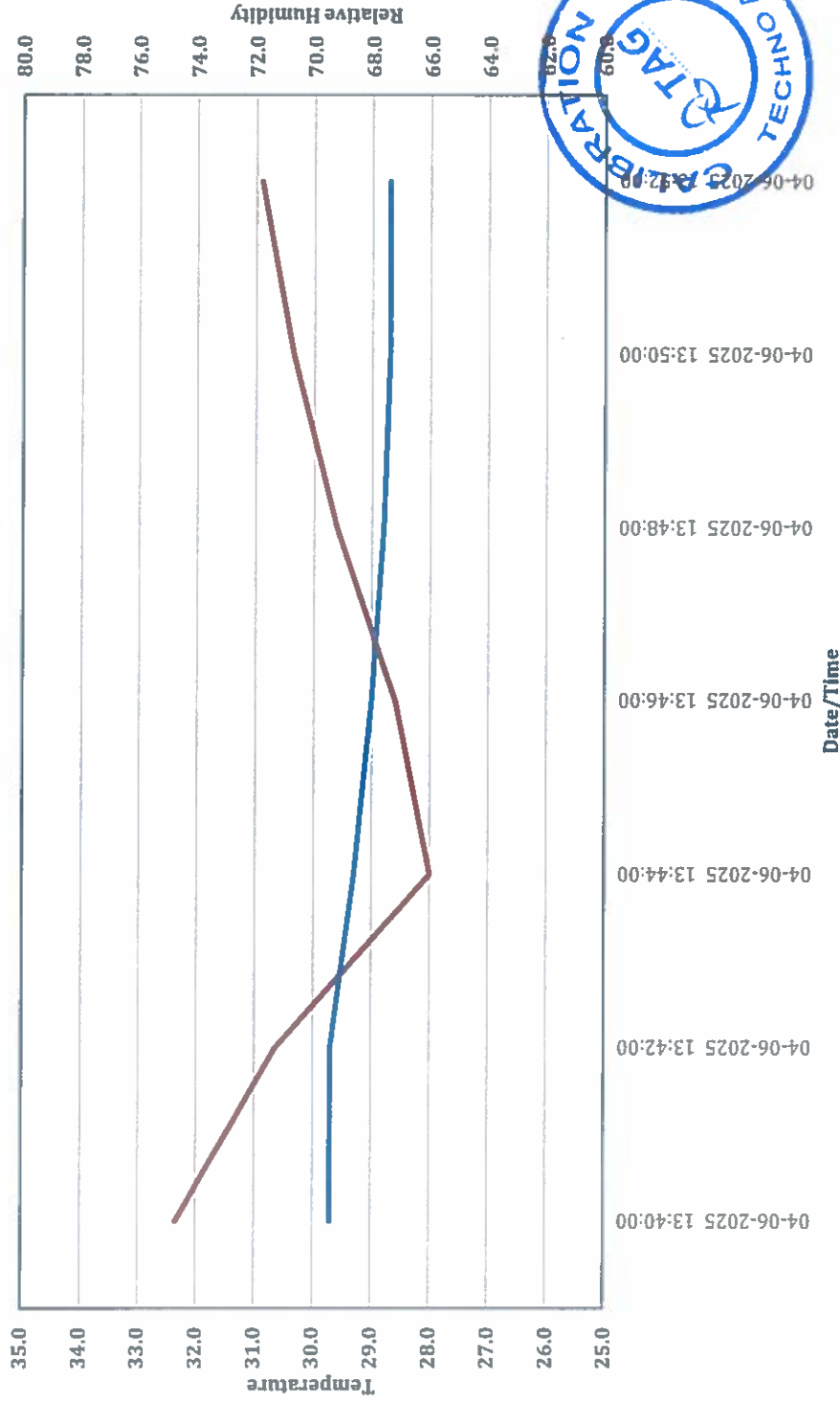
Stop Date/Time

04-06-2025 13:52:00

T (°C)

5. TZ0322040178

RH (%)



— Temp — RH

Date/Time

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

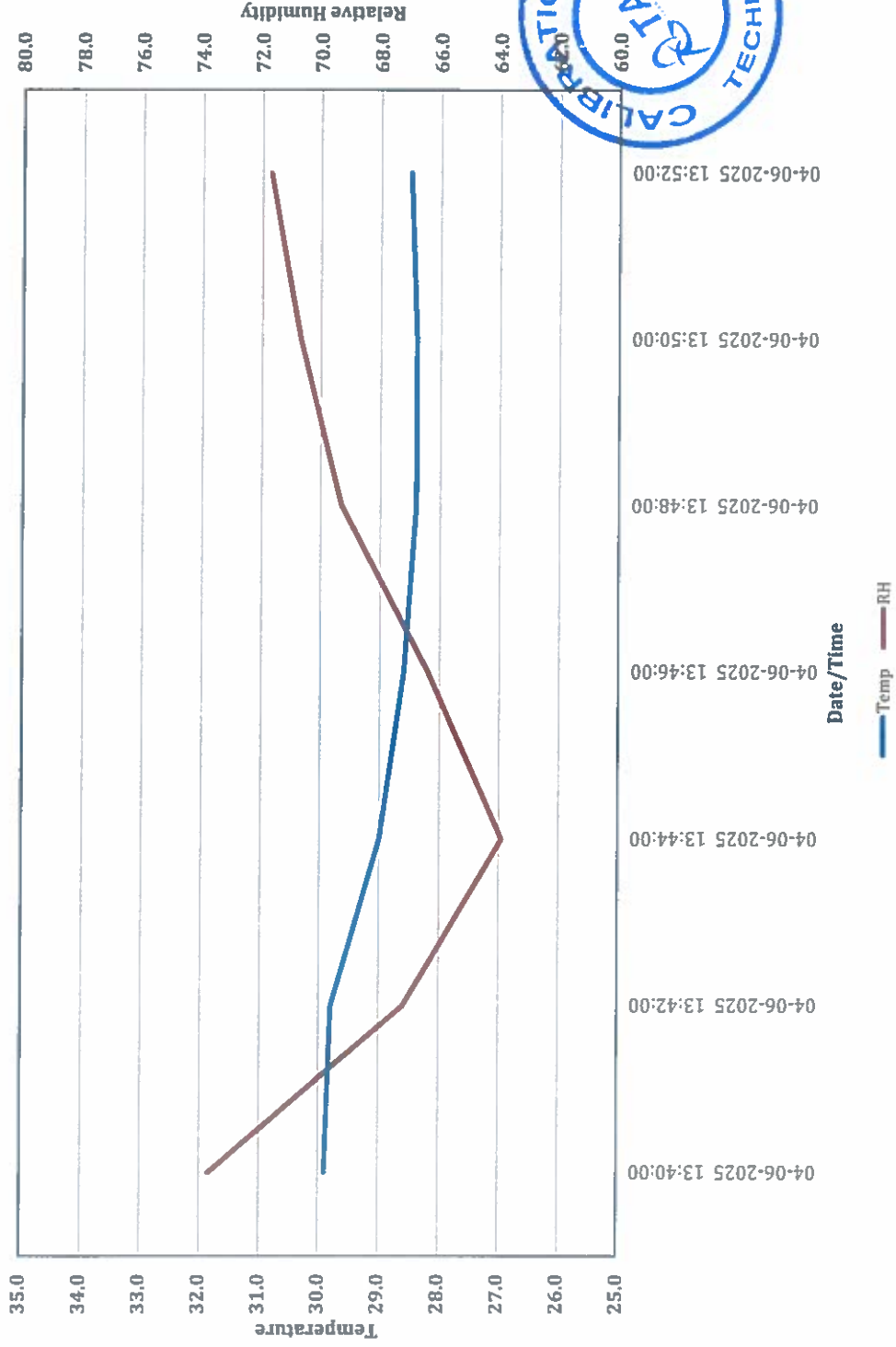
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

6. TZ0323114533

RH (%)





Performance Qualification



Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

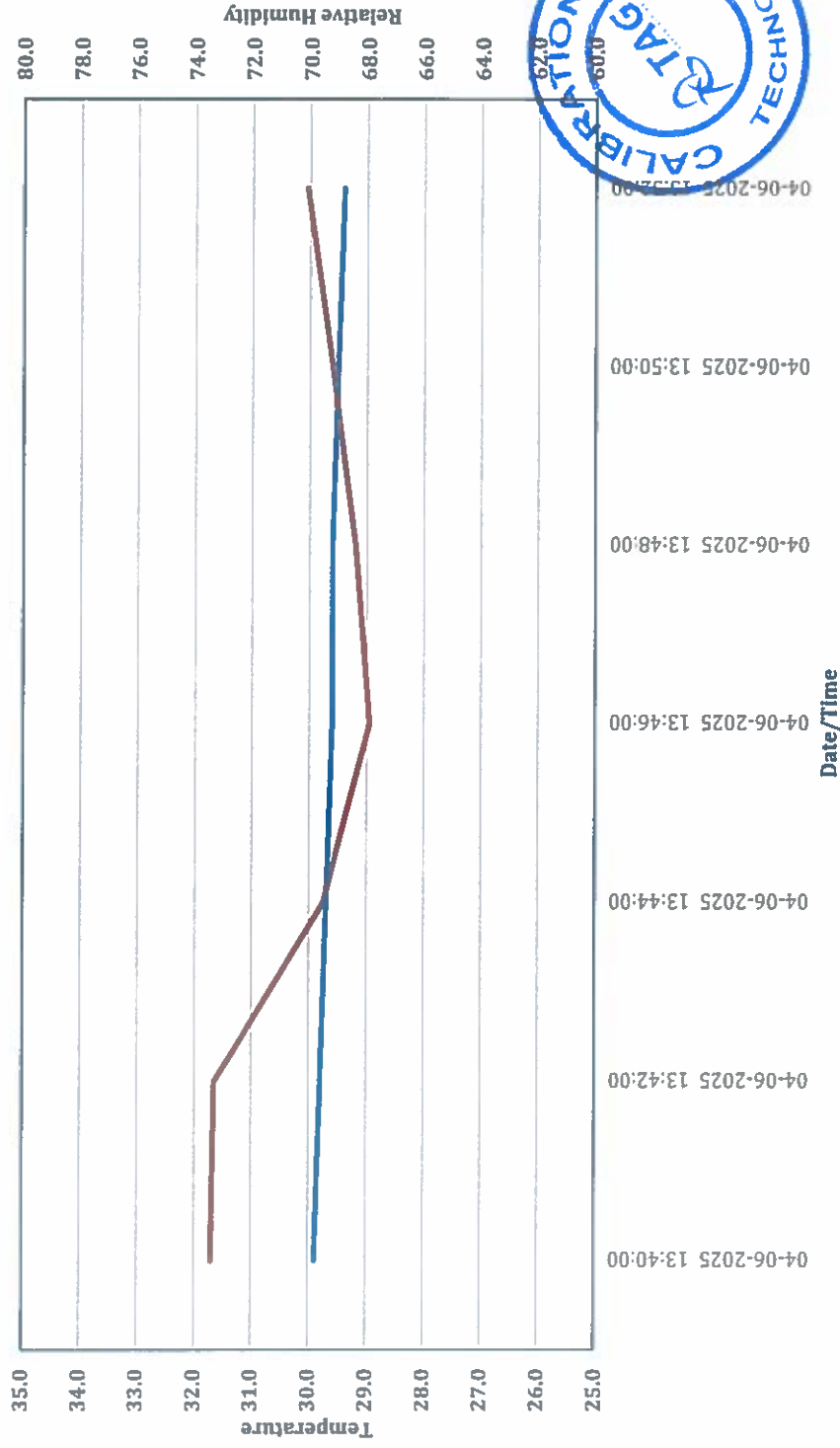
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

7. TZ0323114558

RH (%)



Temp RH

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

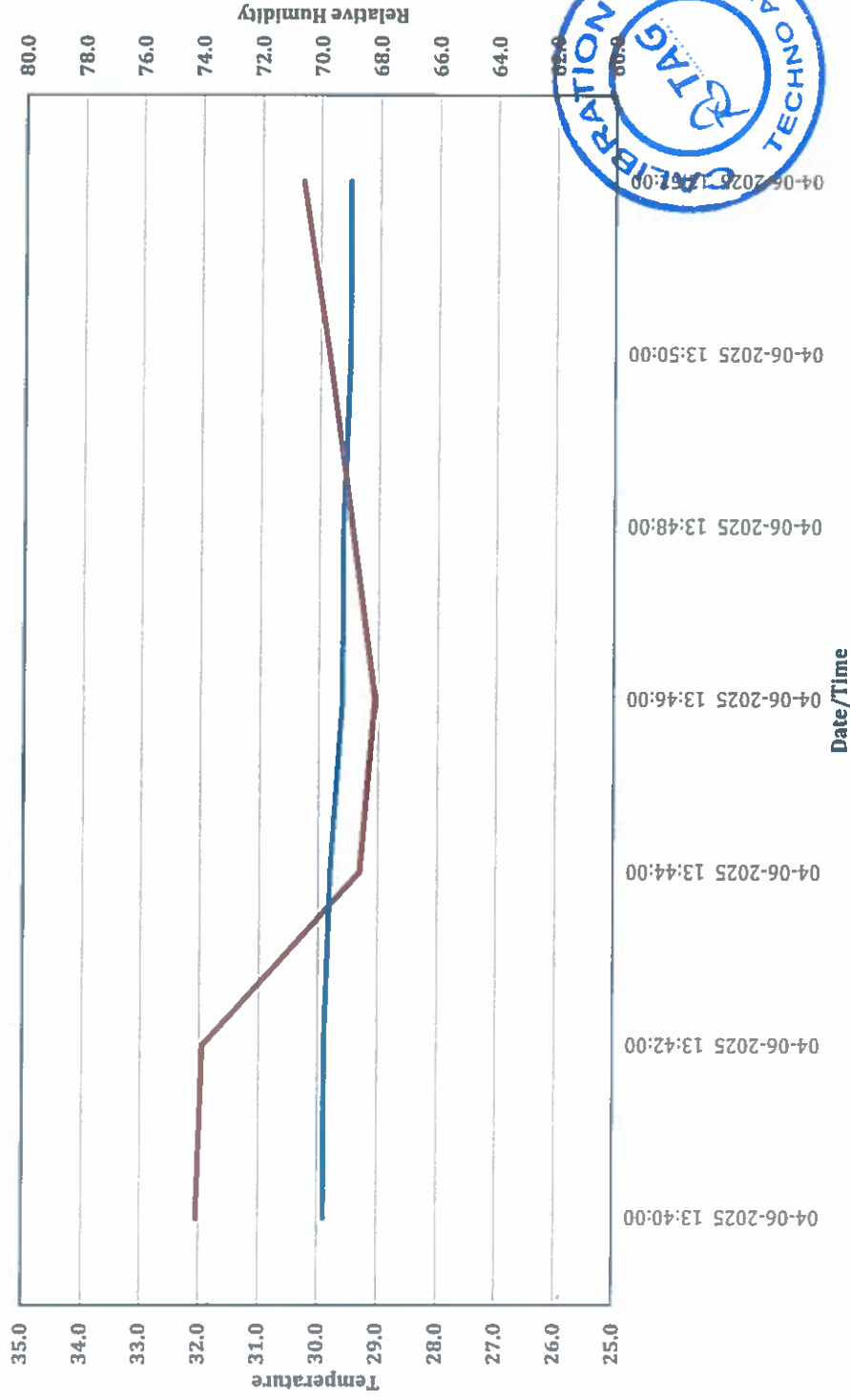
Stop Date/Time

04-06-2025 13:52:00

T (°C)

8. TZ0323114520

RH (%)



Temp RH

Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

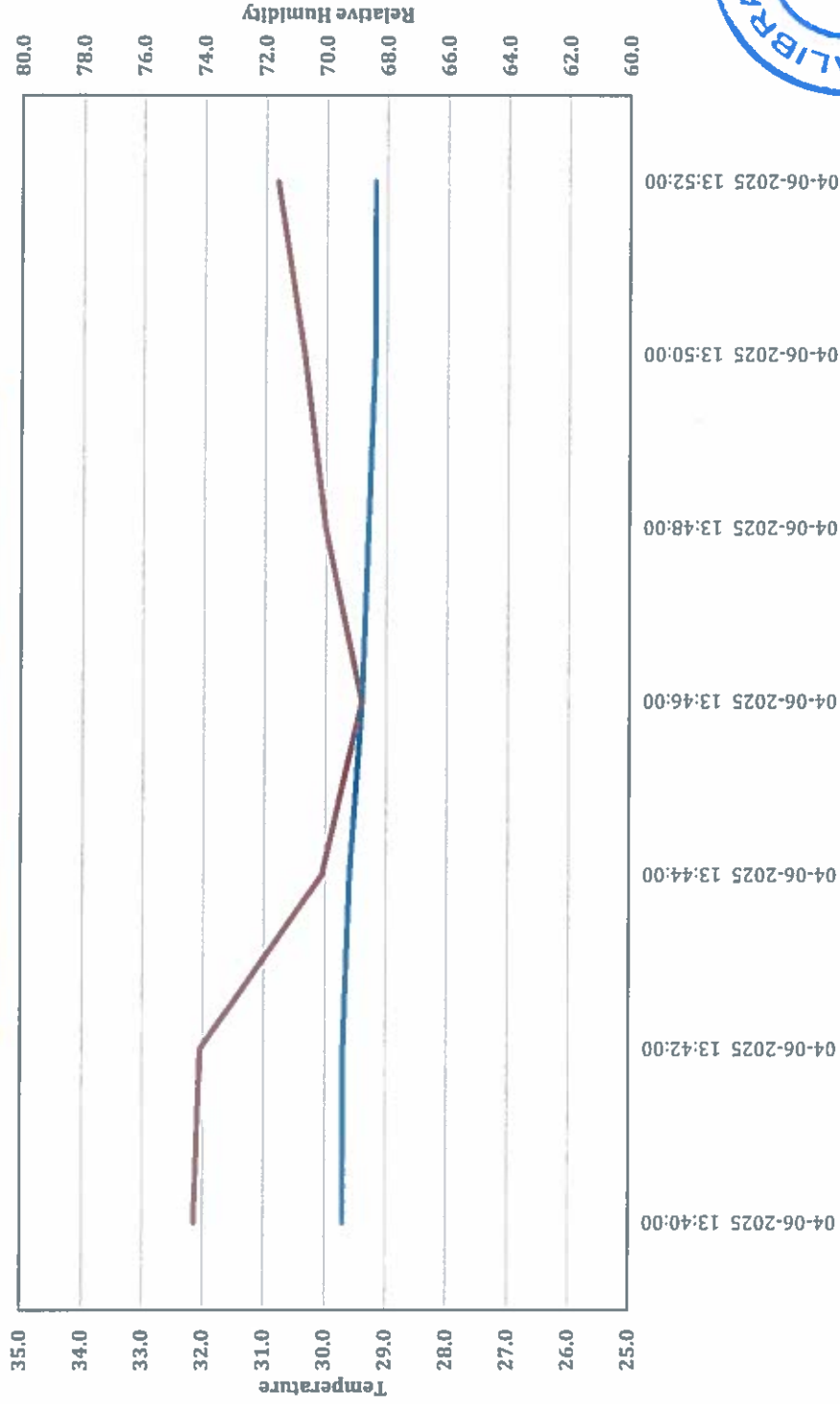
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

9. TZ03223114411

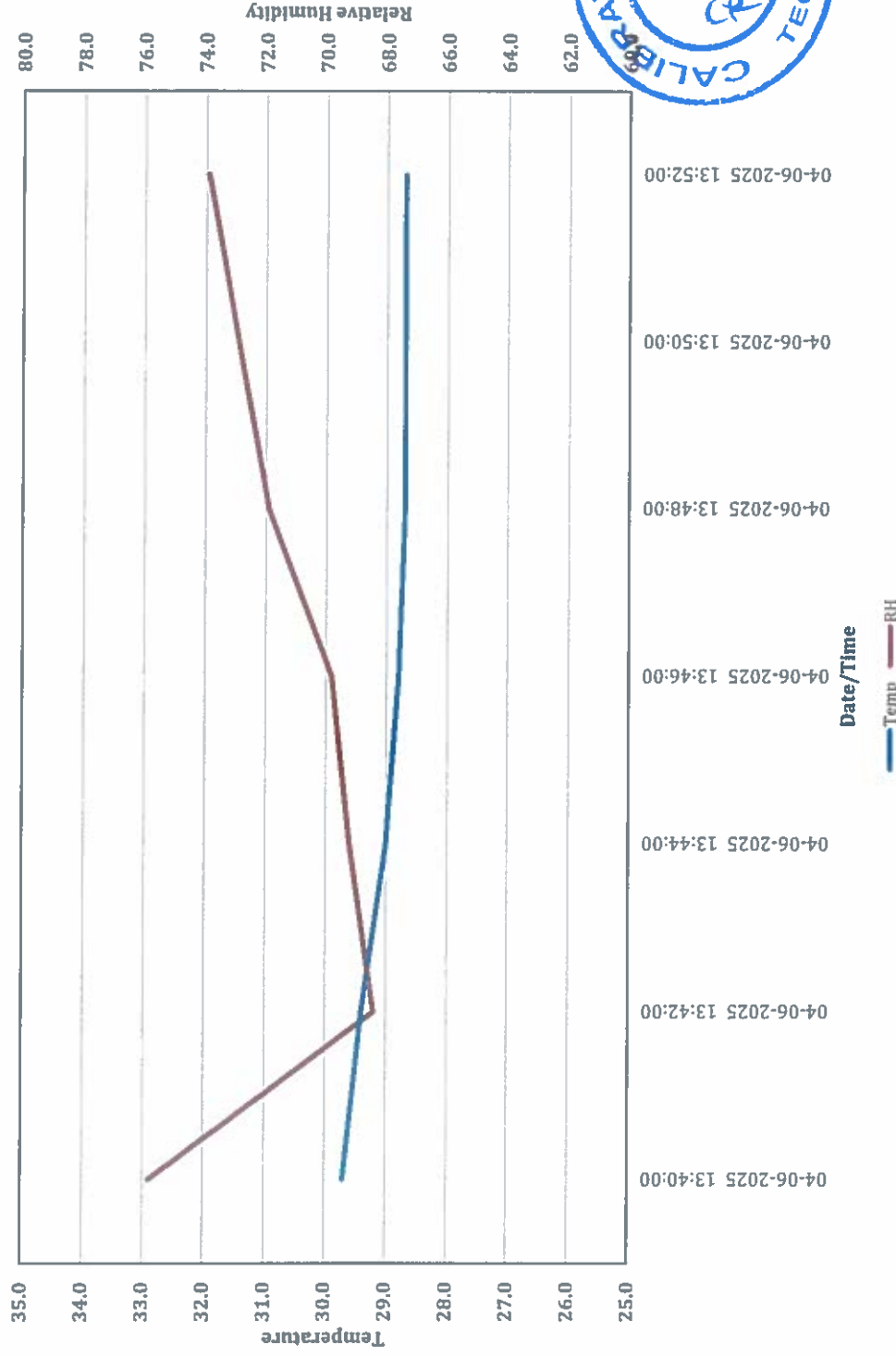
RH (%)



T (°C)

10. TZ0322040200

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

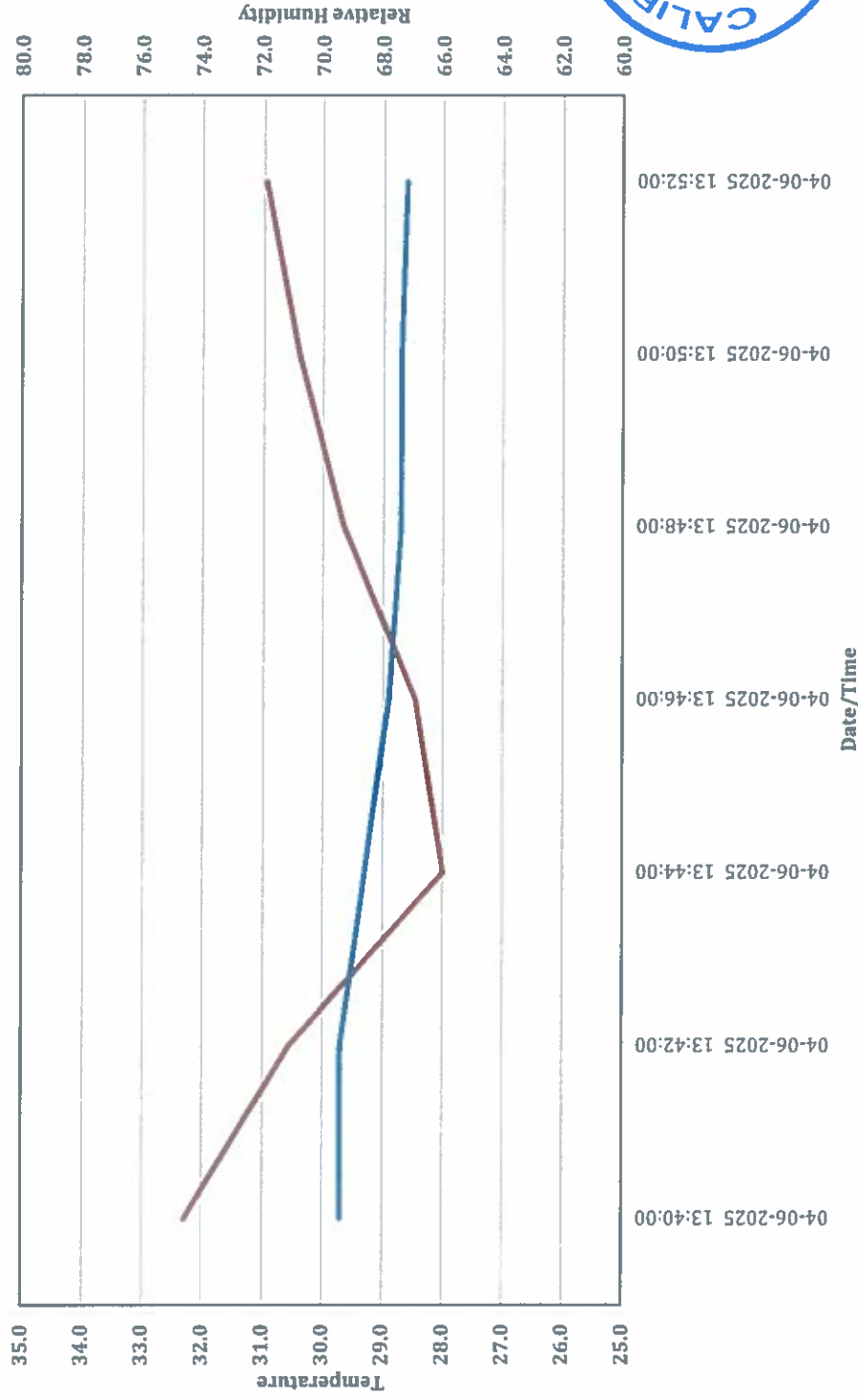
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

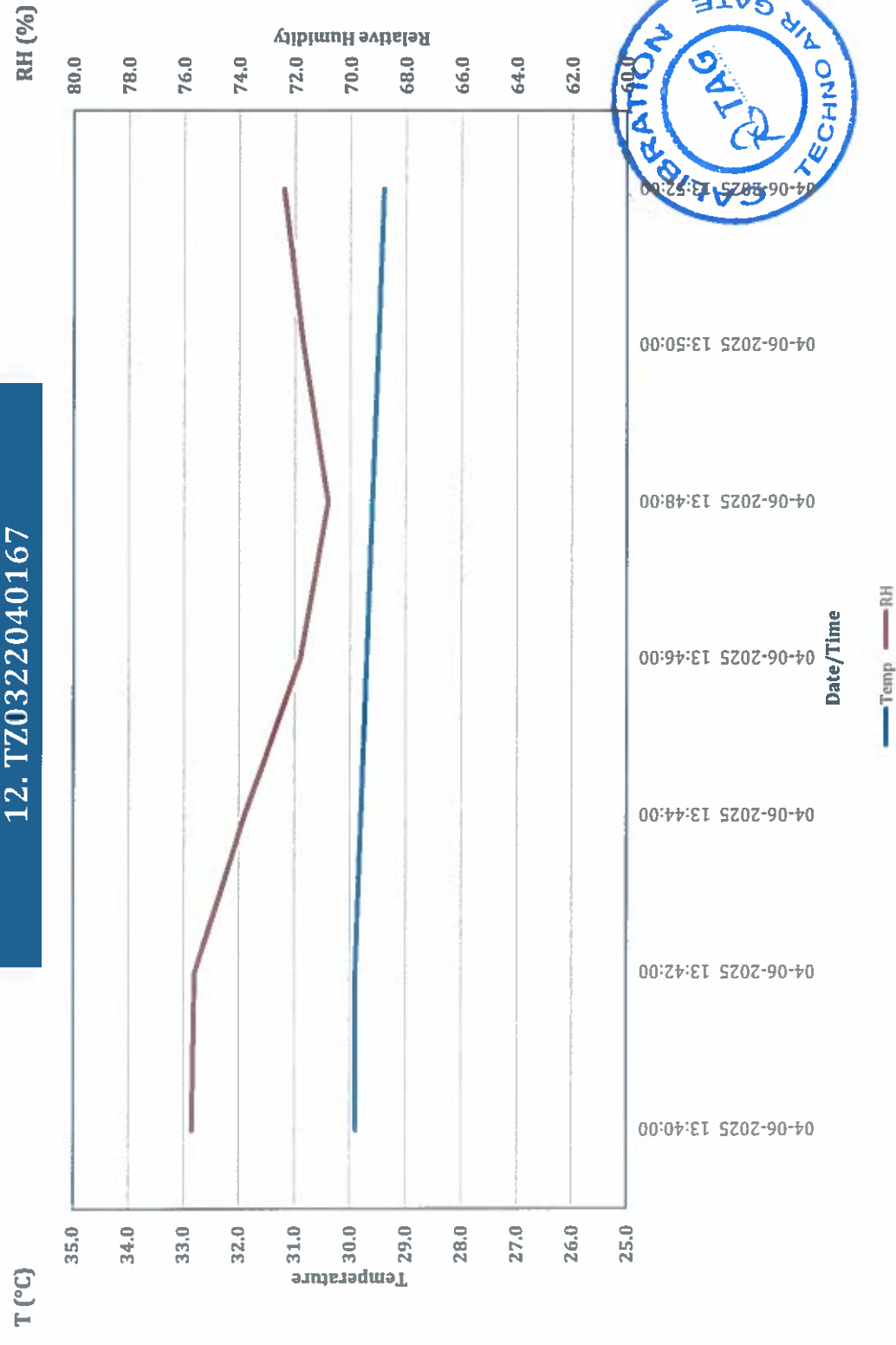
T (°C)

11. TZ0322040116

RH (%)



12. TZ0322040167



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

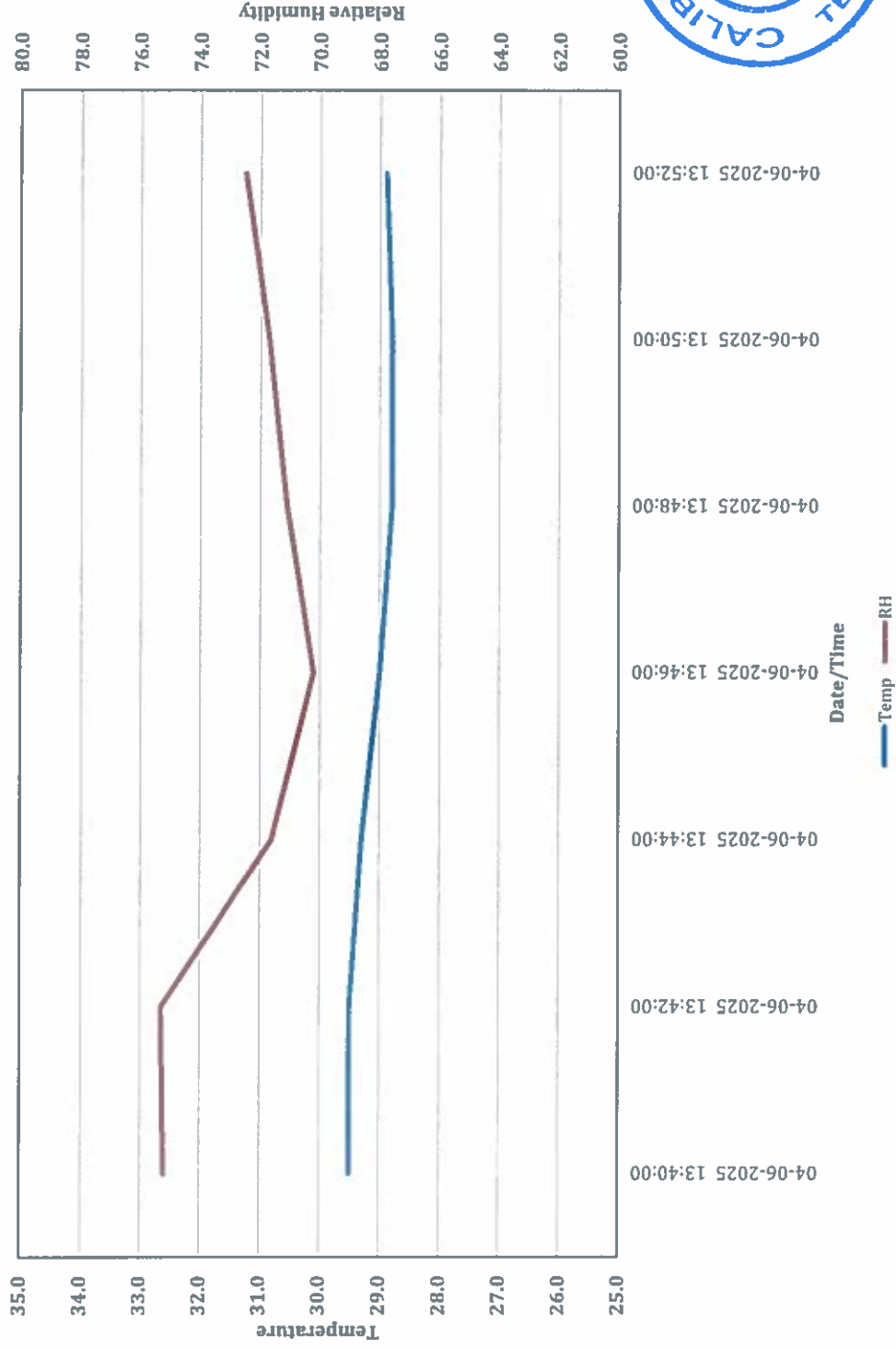
Stop Date/Time

04-06-2025 13:52:00

T (°C)

13. TZ03222041016

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

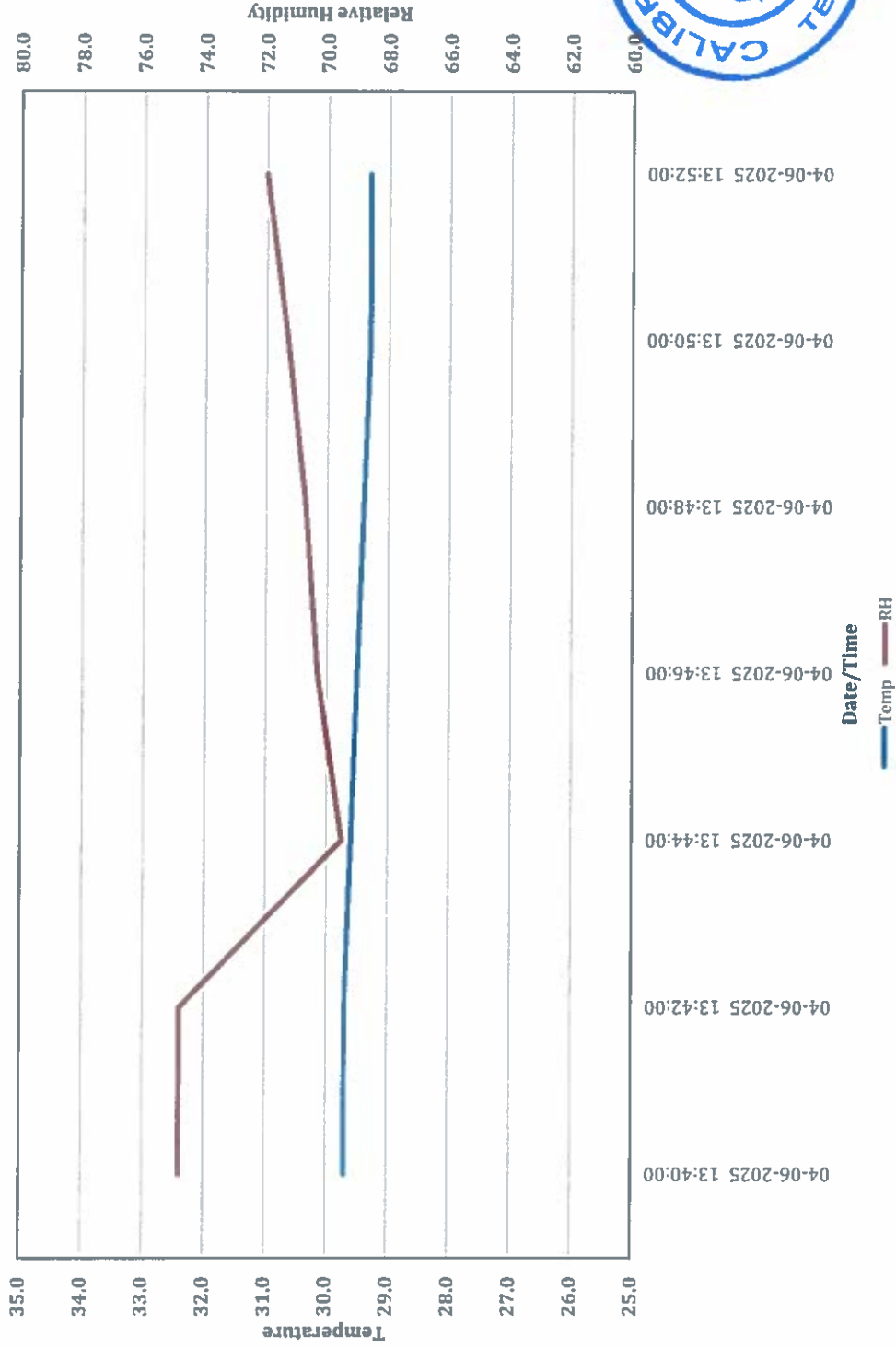
Stop Date/Time

04-06-2025 13:52:00

T (°C)

14. TZ0322041088

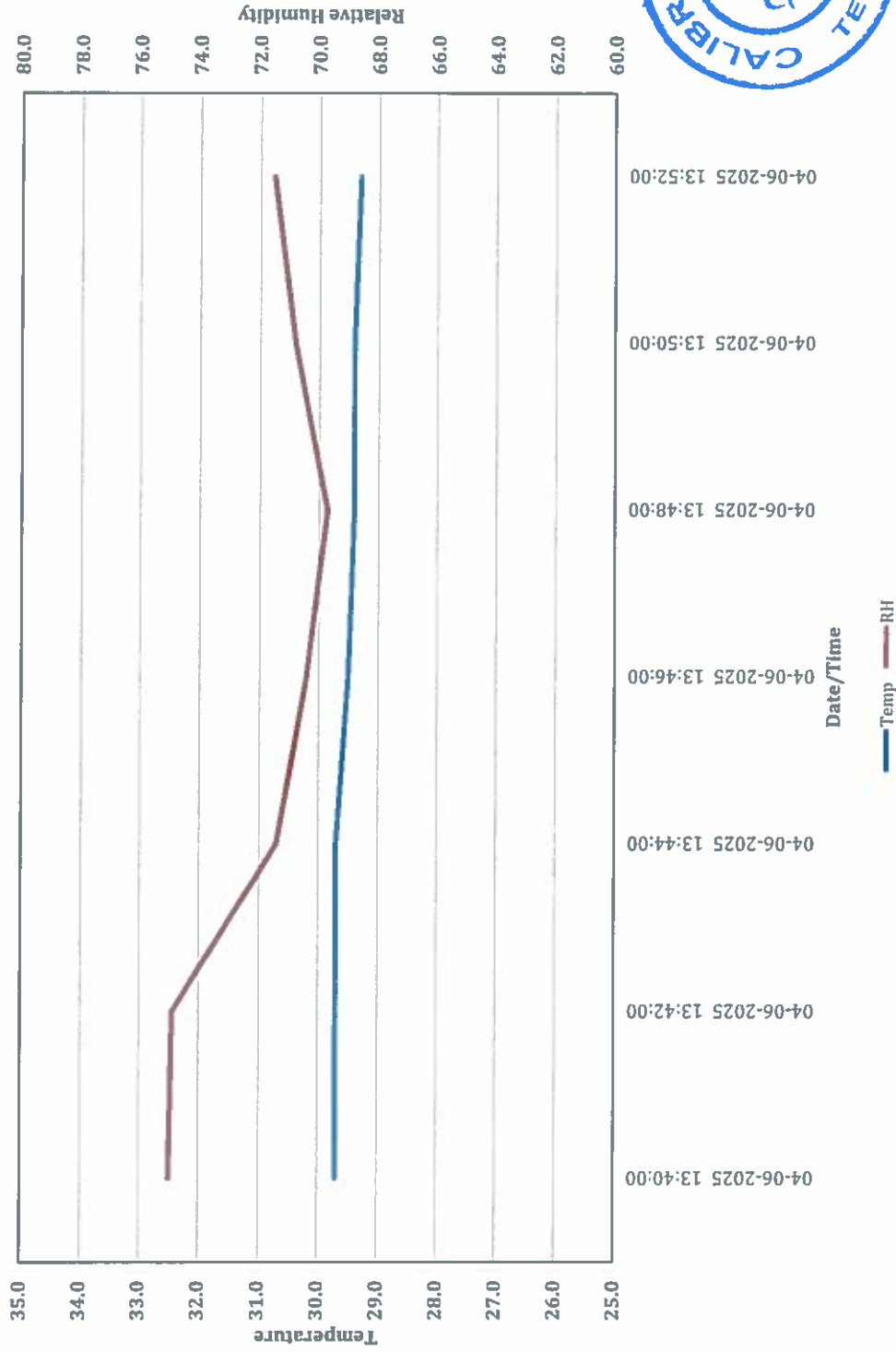
RH (%)



T (°C)

15. TZ0322040187

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

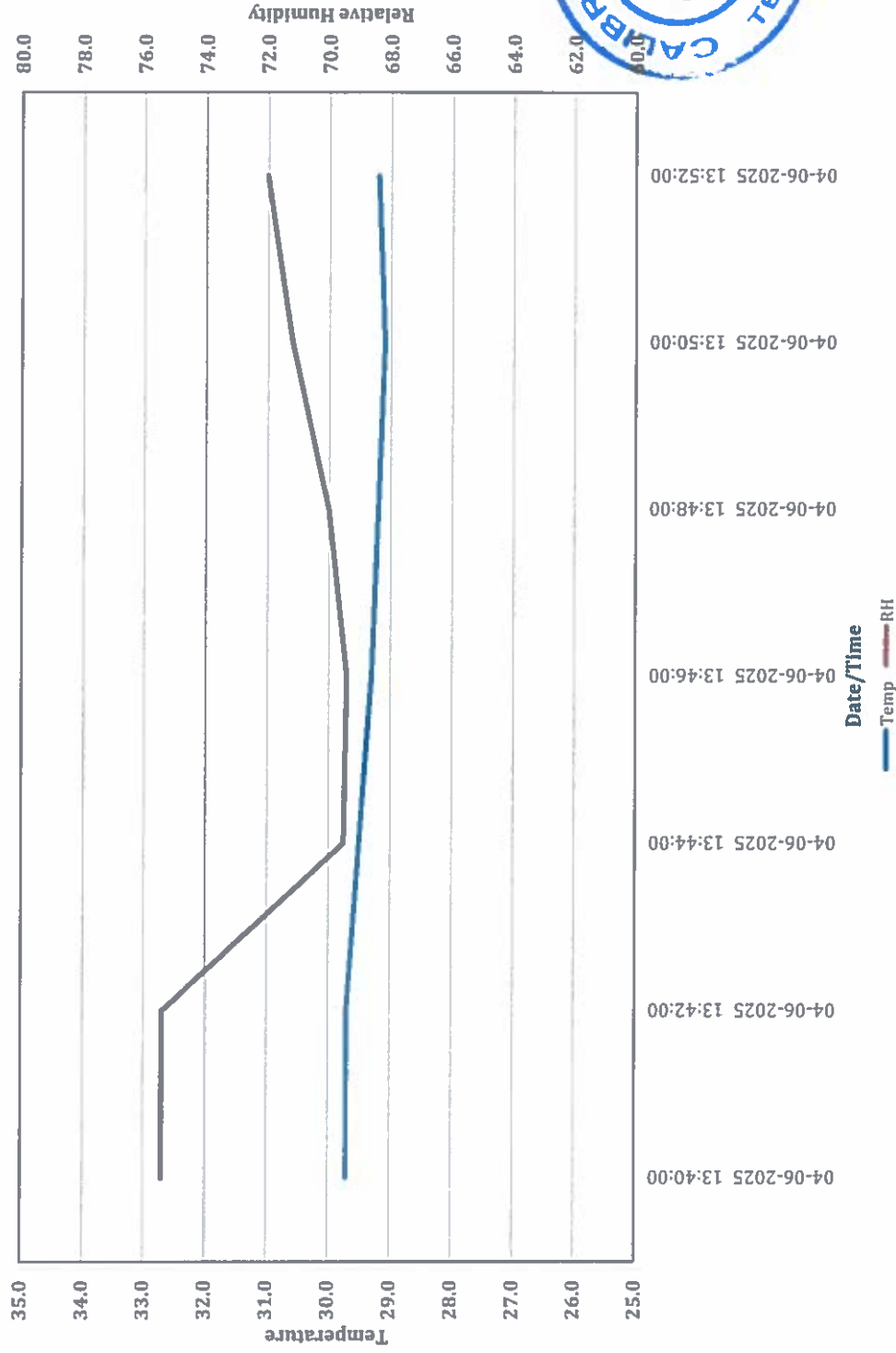
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

16. TZ0322041094

RH (%)



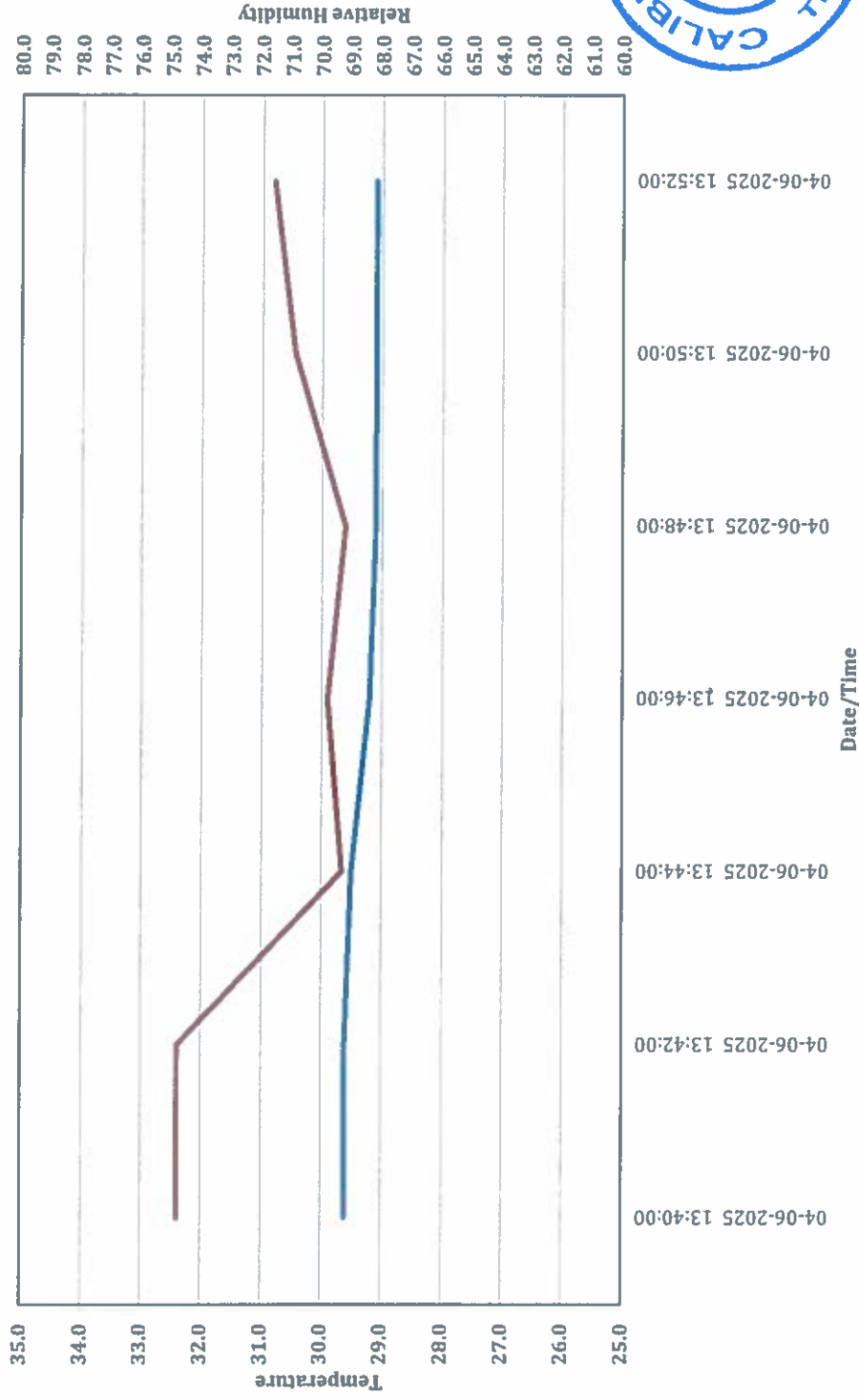
Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325	
Sampling Period	5 min (Open Door)
Start Date/Time	04-06-2025 13:40:00
Stop Date/Time	04-06-2025 13:52:00

T (°C)

17. TZ0322040105

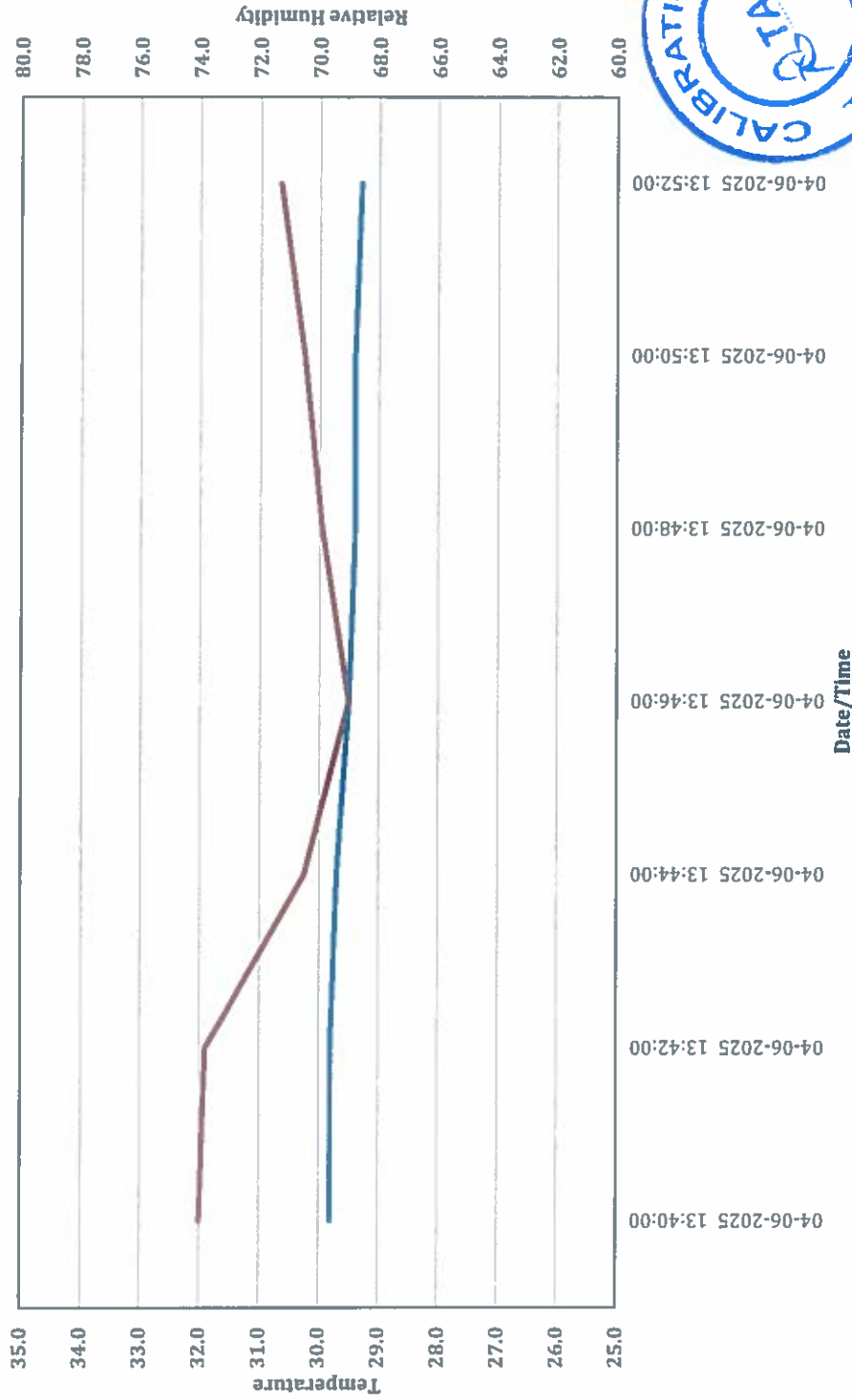
RH (%)



T (°C)

18. TZ0322040172

RH (%)



Performance Qualification
for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

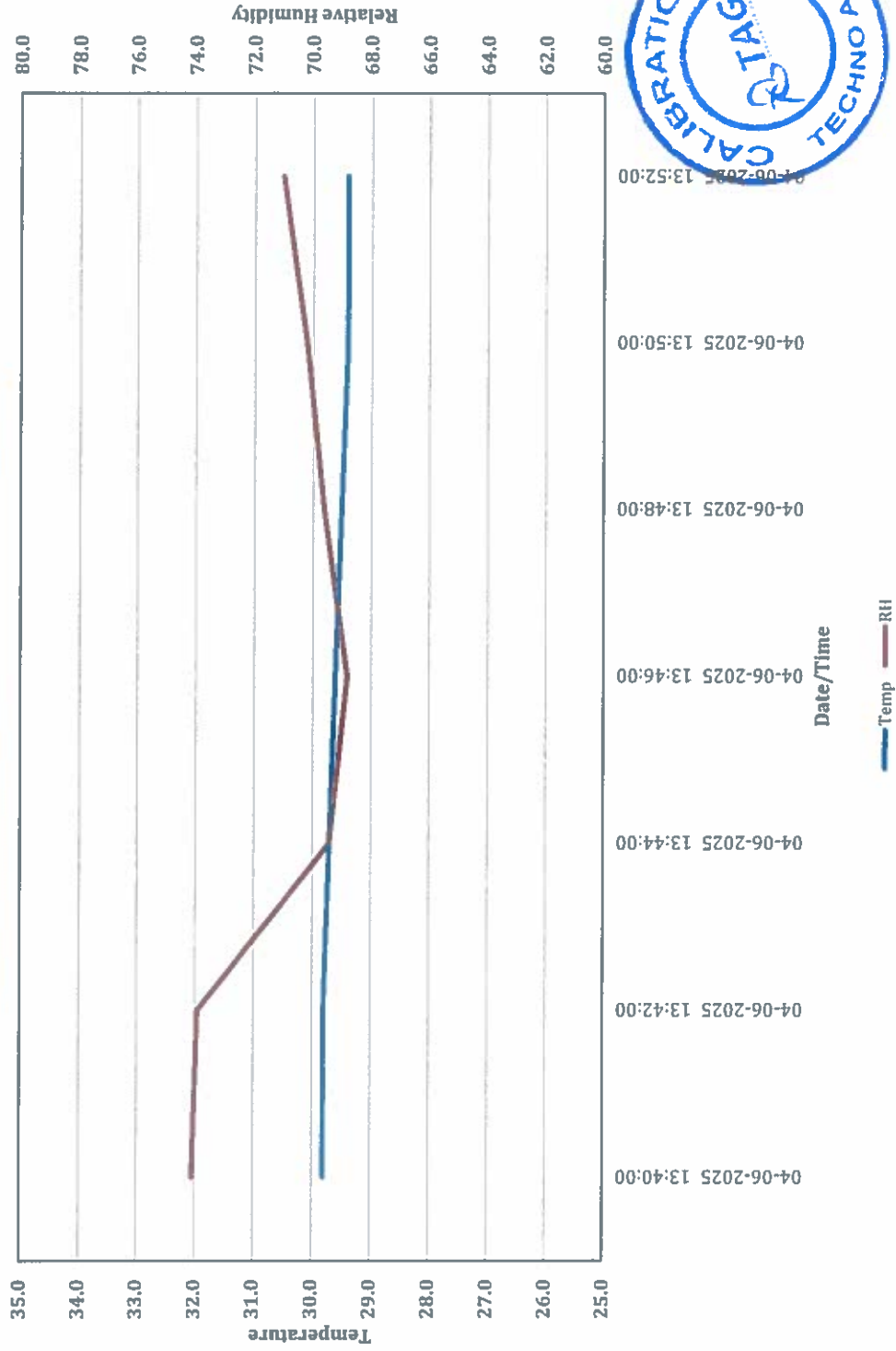
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

19. TZ0323114592

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period 5 min (Open Door)

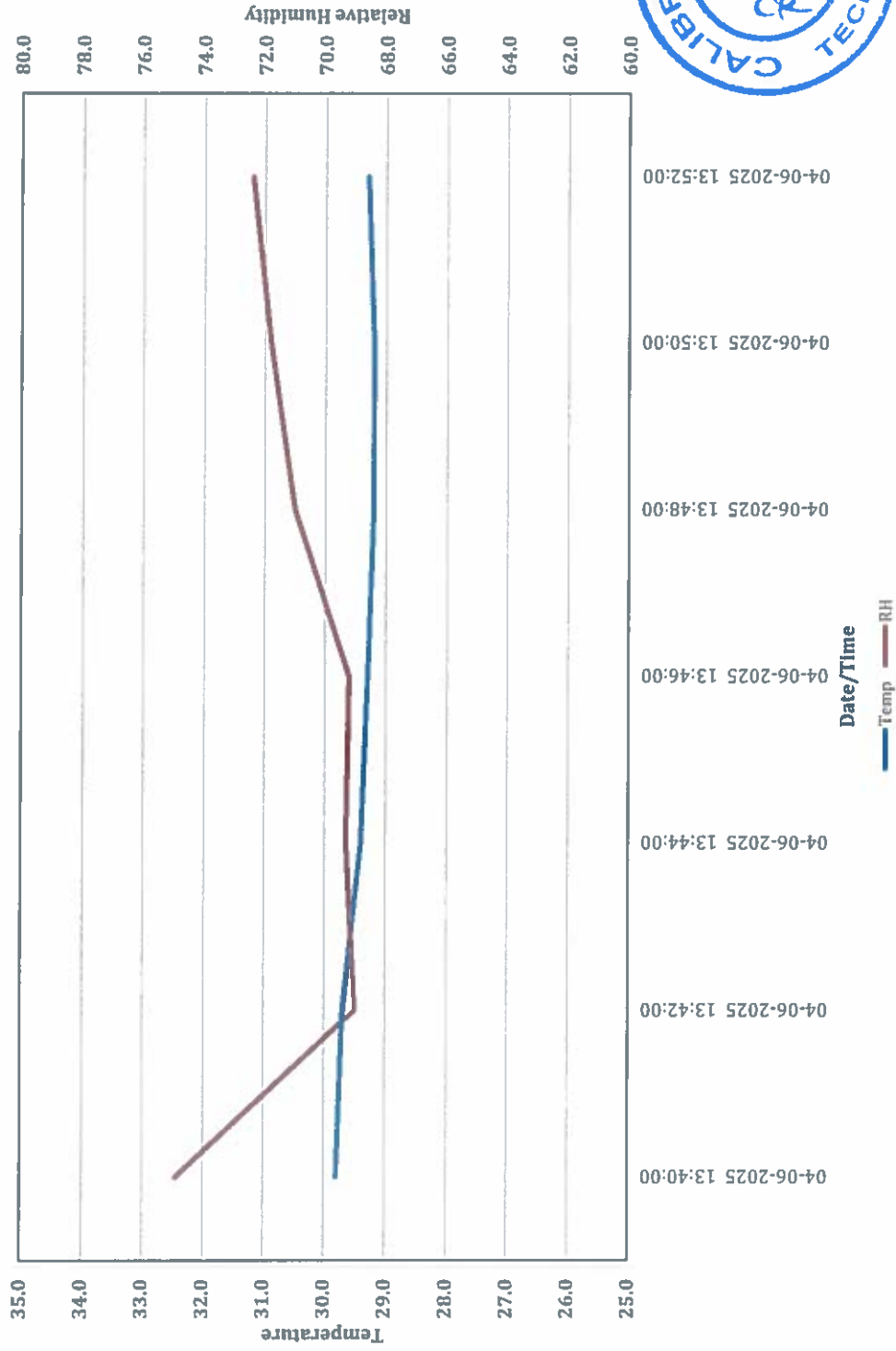
Start Date/Time 04-06-2025 13:40:00

Stop Date/Time 04-06-2025 13:52:00

T (°C)

20. TZ0322040112

RH (%)



Performance Qualification

for

Walk-In Accelerated Stability Chamber (QC-STB-04)

Doc. No.: PQR-M-00325

Sampling Period

5 min (Open Door)

Start Date/Time

04-06-2025 13:40:00

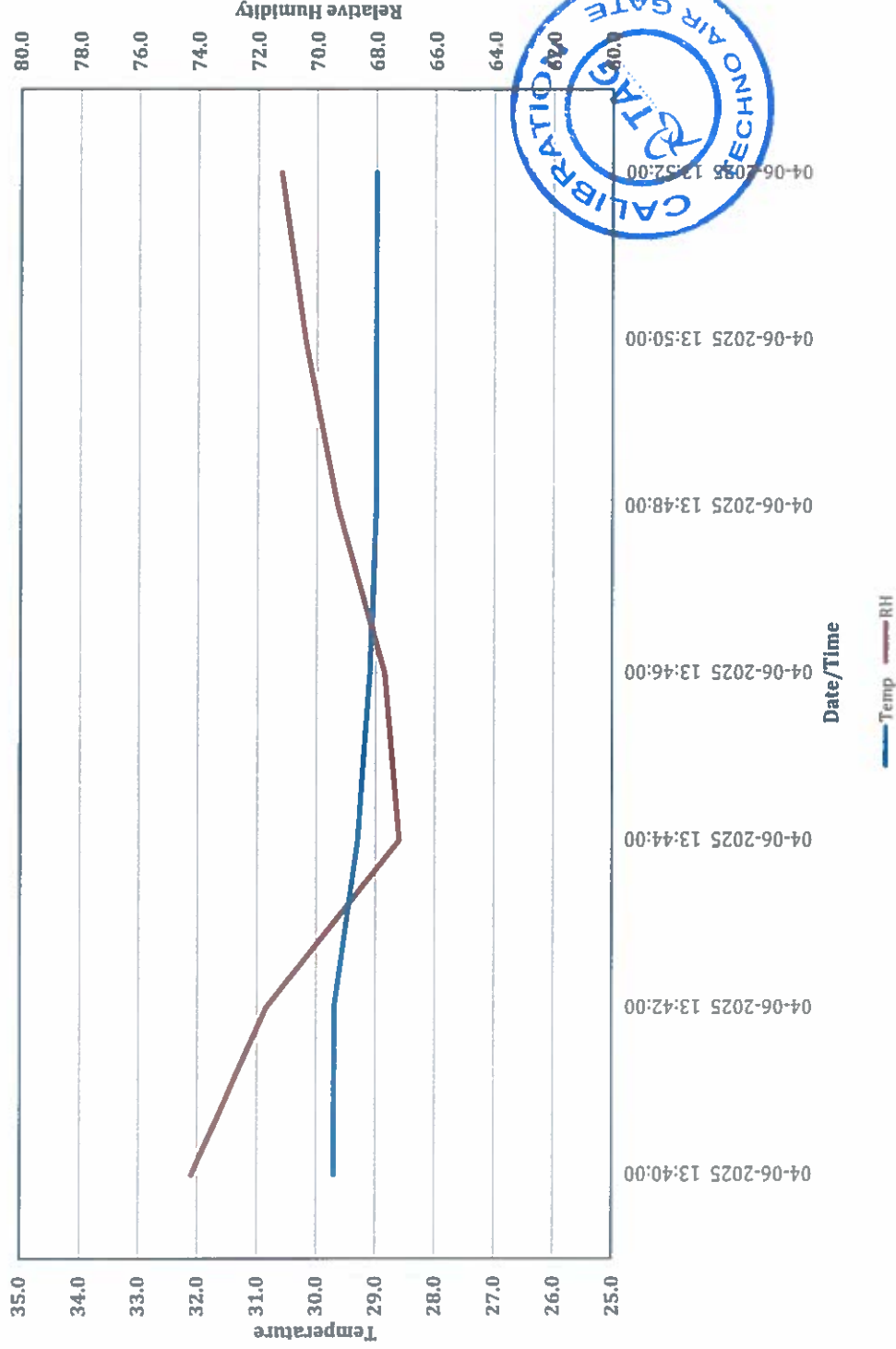
Stop Date/Time

04-06-2025 13:52:00

T (°C)

21. TZ0323114408

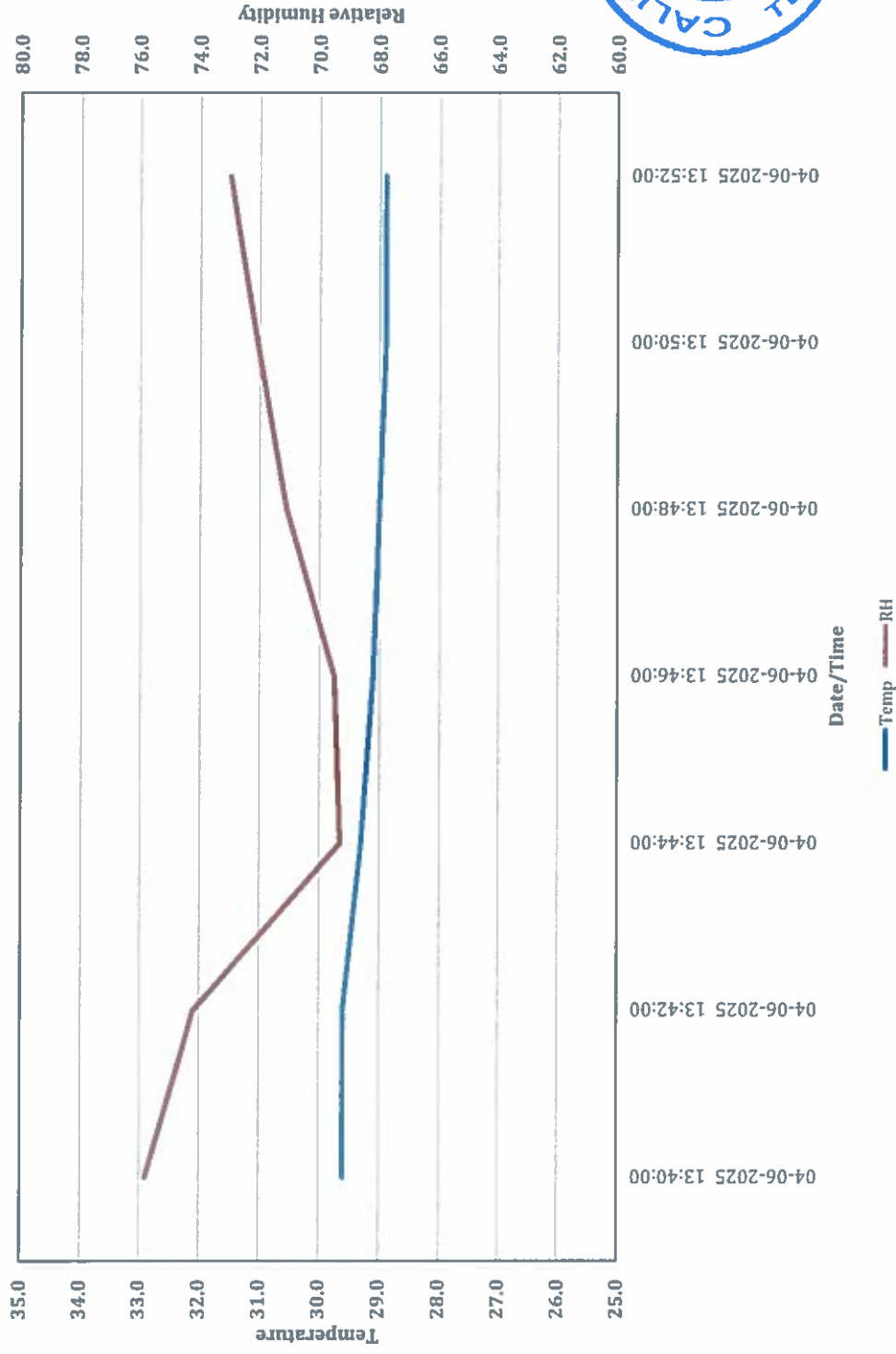
RH (%)



T (°C)

22. TZ0322041147

RH (%)



VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01
ATTACHMENTS

ATTACHMENTS 01.02.01.04

Raw Data (on CD)



VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01
ATTACHMENTS

ATTACHMENTS 01.02.01.05

Inspection Label



Issue No.: 01.0
Issue Date: 01 Oct. 2024

Blue Inspection Label

Doc. No: F-7.2/02



	Inspection	
	ID Accelerated Stability Chamber (QC-STB-04)	
	Date Jun., 2025	Due Jun., 2026
	Inspected by A. Attwz	

VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01
ATTACHMENTS

ATTACHMENTS 01.02.01.06

Reference Equipment Calibration Certificates



CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 119 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040105
Code:	TZ0322040105	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

This Certificate is only related to the unit under Calibration during the Calibration period.

Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

F-7.8/09

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info@technoairgate.com

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+201023310802

+20233034440

Ver. No.: 01

Page 1 of 2



CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 119 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.2	-0.2	0.19	Pass
25.00	25.2	-0.2	0.19	Pass
40.00	40.0	0.0	0.19	Pass
50.00	50.0	0.0	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	22.6	2.4	1.7	Pass
45.00	42.5	2.5	1.7	Pass
60.00	60.0	0.0	1.7	Pass
75.00	74.0	1.0	1.7	Pass
85.00	82.2	2.8	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.2 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	2.8 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



F-7.8/09

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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 063 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040112
Code:	TZ0322040112	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

This Certificate is only related to the unit under Calibration during the Calibration period.

Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

F-7.8/09

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 063 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.1	-0.1	0.19	Pass
25.00	24.7	0.3	0.19	Pass
40.00	39.8	0.2	0.19	Pass
50.00	49.9	0.1	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	27.3	-2.3	1.7	Pass
45.00	48.3	-3.3	1.7	Pass
60.00	57.1	2.9	1.7	Pass
75.00	72.2	2.8	1.7	Pass
85.00	81.7	3.3	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.3 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	3.3 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



F-78/09

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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 064 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040116
Code:	TZ0322040116	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 064 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.3	-0.3	0.19	Pass
25.00	24.9	0.1	0.19	Pass
40.00	39.6	0.4	0.19	Pass
50.00	50.3	-0.3	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	27.7	-2.7	1.7	Pass
45.00	44.4	0.6	1.7	Pass
60.00	59.1	0.9	1.7	Pass
75.00	74.5	0.5	1.7	Pass
85.00	83.1	1.9	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

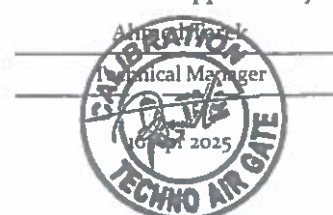
Calibration Results %RH	
Max. Reading Error:	2.7 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem H. Hesham*
 Date: 15 Apr 2025

Prepared by
 Name: Noha Essam
 Title: Senior Technical Office Specialist
 Signature: *Noha Essam*
 Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 124 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040119
Code:	TZ0322040119	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 124 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.6	0.4	0.19	Pass
25.00	25.1	-0.1	0.19	Pass
40.00	40.3	-0.3	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.3	-0.3	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	24.2	0.8	1.7	Pass
45.00	44.6	0.4	1.7	Pass
60.00	61.3	-1.3	1.7	Pass
75.00	77.4	-2.4	1.7	Pass
85.00	84.6	0.4	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

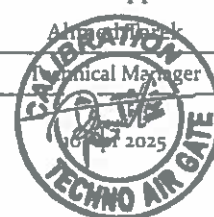
Calibration Results %RH	
Max. Reading Error:	2.4 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Name: Noha Essam
 Title: Senior Technical Office Specialist
 Signature: *Noha Essam*
 Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 134 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040167
Code:	TZ0322040167	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 134 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.4	-0.4	0.19	Pass
25.00	25.4	-0.4	0.19	Pass
40.00	40.0	0.0	0.19	Pass
50.00	50.4	-0.4	0.19	Pass
60.00	60.4	-0.4	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.0	2.0	1.7	Pass
45.00	43.0	2.0	1.7	Pass
60.00	57.1	2.9	1.7	Pass
75.00	71.3	3.7	1.7	Pass
85.00	82.0	3.0	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	3.7 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



F-7 8/09

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CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 136 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040172
Code:	TZ0322040172	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 136 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.9	0.1	0.19	Pass
25.00	24.5	0.5	0.19	Pass
40.00	39.6	0.4	0.19	Pass
50.00	49.7	0.3	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	27.1	-2.1	1.7	Pass
45.00	48.2	-3.2	1.7	Pass
60.00	56.1	3.9	1.7	Pass
75.00	72.1	2.9	1.7	Pass
85.00	81.7	3.3	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.5 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	3.9 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 140 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040178
Code:	TZ0322040178	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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+20233034440

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 140 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.4	-0.4	0.19	Pass
25.00	25.0	0.0	0.19	Pass
40.00	39.7	0.3	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	26.8	-1.8	1.7	Pass
45.00	43.4	1.6	1.7	Pass
60.00	58.3	1.7	1.7	Pass
75.00	73.1	1.9	1.7	Pass
85.00	82.3	2.7	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	2.7 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 091 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040187
Code:	TZ0322040187	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information ° C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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+20233034440

Ver. No.: 01

Page 1 of 2



CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 091 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.3	-0.3	0.19	Pass
25.00	25.2	-0.2	0.19	Pass
40.00	39.6	0.4	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.4	-0.4	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.6	1.4	1.7	Pass
45.00	43.6	1.4	1.7	Pass
60.00	57.3	2.7	1.7	Pass
75.00	71.5	3.5	1.7	Pass
85.00	82.1	2.9	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C Acceptance Criteria is According to Customer Requirement.
Uncertainty:	$\pm$ 0.19 °C

Calibration Results %RH	
Max. Reading Error:	3.5 %RH
Acceptance Criteria:	$\pm$ 5 %RH Acceptance Criteria is According to Customer Requirement.
Uncertainty:	$\pm$ 1.7 %RH

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Name: Noha Essam
 Title: Senior Technical Office Specialist
 Signature: *Noha Essam*
 Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001-009-147-2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322040200
Code:	TZ0322040200	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

This Certificate is only related to the unit under Calibration during the Calibration period.

Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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Head Quarter: 26 Al Israa St., Lebanon Sq., Mohandseen, Giza, Egypt

October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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Ver. No.: 01

Page 1 of 2



CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 147 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.1	-0.1	0.19	Pass
25.00	25.1	-0.1	0.19	Pass
40.00	40.1	-0.1	0.19	Pass
50.00	50.1	-0.1	0.19	Pass
60.00	60.2	-0.2	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	25.4	-0.4	1.7	Pass
45.00	46.9	-1.9	1.7	Pass
60.00	57.3	2.7	1.7	Pass
75.00	72.6	2.4	1.7	Pass
85.00	83.7	1.3	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.2 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	2.7 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem H. Hesham*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 031 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322041016
Code:	TZ0322041016	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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Ver. No.: 01

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 031 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.9	0.1	0.19	Pass
25.00	24.9	0.1	0.19	Pass
40.00	40.0	0.0	0.19	Pass
50.00	50.1	-0.1	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	25.5	-0.5	1.7	Pass
45.00	45.9	-0.9	1.7	Pass
60.00	60.7	-0.7	1.7	Pass
75.00	75.6	-0.6	1.7	Pass
85.00	85.9	-0.9	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.1 °C
Acceptance Criteria:	$\pm$ 0.5 °C Acceptance Criteria is According to Customer Requirement.
Uncertainty:	$\pm$ 0.19 °C

Calibration Results %RH	
Max. Reading Error:	0.9 %RH
Acceptance Criteria:	$\pm$ 5 %RH Acceptance Criteria is According to Customer Requirement.
Uncertainty:	$\pm$ 1.7 %RH

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Shalaby*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 221 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114599
Code:	TZ0323114599	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 221 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.1	-0.1	0.19	Pass
25.00	25.1	-0.1	0.19	Pass
40.00	40.1	-0.1	0.19	Pass
50.00	50.0	0.0	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.5	1.5	1.7	Pass
45.00	45.1	-0.1	1.7	Pass
60.00	57.0	3.0	1.7	Pass
75.00	71.5	3.5	1.7	Pass
85.00	81.8	3.2	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.1 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	3.5 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Name: Noha Essam
 Title: Senior Technical Office Specialist
 Signature: *Noha Essam*
 Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 045 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322041094
Code:	TZ0322041094	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 045 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.8	0.2	0.19	Pass
25.00	24.7	0.3	0.19	Pass
40.00	39.9	0.1	0.19	Pass
50.00	50.0	0.0	0.19	Pass
60.00	59.8	0.2	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	26.6	-1.6	1.7	Pass
45.00	46.6	-1.6	1.7	Pass
60.00	61.8	-1.8	1.7	Pass
75.00	76.3	-1.3	1.7	Pass
85.00	86.4	-1.4	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.3 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	1.8 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 048 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322041088
Code:	TZ0322041088	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 048 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.0	0.0	0.19	Pass
25.00	24.7	0.3	0.19	Pass
40.00	39.8	0.2	0.19	Pass
50.00	49.9	0.1	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	27.0	-2.0	1.7	Pass
45.00	48.6	-3.6	1.7	Pass
60.00	56.1	3.9	1.7	Pass
75.00	72.1	2.9	1.7	Pass
85.00	81.6	3.4	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.3 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

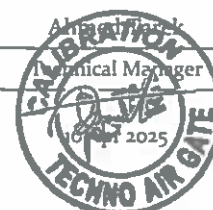
Calibration Results %RH	
Max. Reading Error:	3.9 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem H. Shams*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



F-78/09

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CALIBRATION CERTIFICATE

TAG LAB ☒ On Site ☐

Certificate No.: 001 - 009 - 225 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114408
Code:	TZ0323114408	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 225 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.1	-0.1	0.19	Pass
25.00	25.1	-0.1	0.19	Pass
40.00	40.0	0.0	0.19	Pass
50.00	50.0	0.0	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	24.2	0.8	1.7	Pass
45.00	44.3	0.7	1.7	Pass
60.00	58.9	1.1	1.7	Pass
75.00	72.3	2.7	1.7	Pass
85.00	83.5	1.5	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.1 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	2.7 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 252 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114520
Code:	TZ0323114520	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

Notes:

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Disclaimer:

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 252 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.4	-0.4	0.19	Pass
25.00	25.2	-0.2	0.19	Pass
40.00	39.8	0.2	0.19	Pass
50.00	50.4	-0.4	0.19	Pass
60.00	60.4	-0.4	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	27.9	-2.9	1.7	Pass
45.00	46.5	-1.5	1.7	Pass
60.00	61.3	-1.3	1.7	Pass
75.00	78.2	-3.2	1.7	Pass
85.00	84.4	0.6	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.4 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	3.2 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Name: Noha Essam
 Title: Senior Technical Office Specialist
 Signature: *Noha Essam*
 Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 230 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114533
Code:	TZ0323114533	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 230 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.9	0.1	0.19	Pass
25.00	24.9	0.1	0.19	Pass
40.00	39.8	0.2	0.19	Pass
50.00	49.8	0.2	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.6	1.4	1.7	Pass
45.00	45.8	-0.8	1.7	Pass
60.00	60.5	-0.5	1.7	Pass
75.00	73.8	1.2	1.7	Pass
85.00	84.5	0.5	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.2 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	1.4 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature:
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature:
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒

On Site ☐

Certificate No.: 001 - 009 - 154 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114558
Code:	TZ0323114558	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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October Branch: 2311 Abdulsalam Amin St., 2nd District, 6th October, Giza, Egypt

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CALIBRATION CERTIFICATE



Certificate No.: 001 - 009 - 154 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.3	-0.3	0.19	Pass
25.00	24.9	0.1	0.19	Pass
40.00	40.2	-0.2	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.0	2.0	1.7	Pass
45.00	43.2	1.8	1.7	Pass
60.00	57.7	2.3	1.7	Pass
75.00	72.4	2.6	1.7	Pass
85.00	83.6	1.4	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.3 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	2.6 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
 Name: Bassem Hesham
 Title: Calibration Specialist
 Signature: *Bassem Hesham*
 Date: 15 Apr 2025

Prepared by
 Noha Essam
 Senior Technical Office Specialist
Noha Essam
 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE

TAG LAB ☒On Site ☐

Certificate No.: 001 - 009 - 206 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114505
Code:	TZ0323114505	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information ° C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 206 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.0	0.0	0.19	Pass
25.00	25.0	0.0	0.19	Pass
40.00	39.9	0.1	0.19	Pass
50.00	49.8	0.2	0.19	Pass
60.00	59.9	0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	26.1	-1.1	1.7	Pass
45.00	44.9	0.1	1.7	Pass
60.00	57.9	2.1	1.7	Pass
75.00	72.8	2.2	1.7	Pass
85.00	82.9	2.1	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 ± 5 °C
Relative Humidity:	45 ± 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.2 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	± 0.5 °C	
Uncertainty:	± 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	2.2 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	± 5 %RH	
Uncertainty:	± 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 185 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114414
Code:	TZ0323114414	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 185 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.2	-0.2	0.19	Pass
25.00	25.2	-0.2	0.19	Pass
40.00	39.9	0.1	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.2	-0.2	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	23.6	1.4	1.7	Pass
45.00	44.2	0.8	1.7	Pass
60.00	59.0	1.0	1.7	Pass
75.00	74.7	0.3	1.7	Pass
85.00	84.1	0.9	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.2 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	1.4 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒

On Site ☐

Certificate No.: 001 - 009 - 026 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0322041147
Code:	TZ0322041147	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 026 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	9.9	0.1	0.19	Pass
25.00	24.6	0.4	0.19	Pass
40.00	39.5	0.5	0.19	Pass
50.00	49.7	0.3	0.19	Pass
60.00	60.0	0.0	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	28.2	-3.2	1.7	Pass
45.00	49.2	-4.2	1.7	Pass
60.00	56.3	3.7	1.7	Pass
75.00	72.1	2.9	1.7	Pass
85.00	81.8	3.2	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.5 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	4.2 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Hesham*
Date: 15 Apr 2025

Prepared by
Noha Essam
Senior Technical Office Specialist
Noha Essam
16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB

On Site

Certificate No.: 001 - 009 - 174 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114411
Code:	TZ0323114411	Range:	((-30) - 60) °C , (0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor k_p value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 174 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.2	-0.2	0.19	Pass
25.00	25.1	-0.1	0.19	Pass
40.00	40.0	0.0	0.19	Pass
50.00	50.2	-0.2	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	24.8	0.2	1.7	Pass
45.00	42.9	2.1	1.7	Pass
60.00	60.9	-0.9	1.7	Pass
75.00	75.6	-0.6	1.7	Pass
85.00	80.3	4.7	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C		
Max. Reading Error:	0.2 °C	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 0.5 °C	
Uncertainty:	$\pm$ 0.19 °C	

Calibration Results %RH		
Max. Reading Error:	4.7 %RH	Acceptance Criteria is According to Customer Requirement.
Acceptance Criteria:	$\pm$ 5 %RH	
Uncertainty:	$\pm$ 1.7 %RH	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem H. Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



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CALIBRATION CERTIFICATE



TAG LAB ☒

On Site ☐

Certificate No.: 001 - 009 - 238 - 2025

Customer Information

Customer: TAG LAB
Address: 6th of October City
Email/Tel: info@technoairgate.com

Instrument Under Calibration Information

Instrument Name:	Data logger	Resolution:	0.1 °C , 0.1 %RH
Manufacture:	TZONE	Accuracy:	NA
Model:	TEMPU03	Serial Number:	TZ0323114592
Code:	TZ0323114592	Range:	((-30) - 60) °C ,(0 - 100) %RH
Location:	TAG LAB		

Reference Instrument Information °C

Instrument Name:	Pt-100 with digital indicator	Resolution:	0.01 °C
Manufacture:	GREISINGER	Serial Number:	32403245/117
Model:	GMH 3710		

Reference Instrument Information %RH

Instrument Name:	Digital Thermo-hygrometer	Resolution:	0.01 %RH
Manufacture:	Rotronic	Serial Number:	61778245/20104112
Model:	HL-NT2-D/HC2-S		

Remarks

Calibration Method: Comparison method based on calibration Method for Temperature/Humidity indicators & dataloggers CM-T&RH-001 based on DKD-R 5-8 (Edition 10/2019).

Uncertainty: The reported expanded uncertainty is based on GUM Standard and the standard Uncertainty multiplied by coverage factor kp value to give confidence level of 95%.

Traceability: The traceability of measurement results to the SI units calibrated by the National Standard maintained at NIS with Certificates No.(1459/32C002/161/1774/2024) and (1459/32C012/400/1771/2024).

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Decision Rule: statement of conformity is based on that the deviation is within acceptance criteria.

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CALIBRATION CERTIFICATE

Certificate No.: 001 - 009 - 238 - 2025

Reading Information °C				
Reference Reading ts °C	Reading tm °C	Correction $\Delta t = t_s - t_m$ °C	Uncertainty ($\pm$ °C)	Pass/Fail
10.00	10.1	-0.1	0.19	Pass
25.00	24.7	0.3	0.19	Pass
40.00	39.8	0.2	0.19	Pass
50.00	49.9	0.1	0.19	Pass
60.00	60.1	-0.1	0.19	Pass

Reading Information %RH				
Reference Reading RHs %	Reading RHm %	Correction $\Delta RH = RH_s - RH_m$ %	Uncertainty ($\pm$ %RH)	Pass/Fail
25.00	25.7	-0.7	1.7	Pass
45.00	46.6	-1.6	1.7	Pass
60.00	55.1	4.9	1.7	Pass
75.00	74.1	0.9	1.7	Pass
85.00	80.9	4.1	1.7	Pass

Environmental Conditions During Calibration	
Temperature:	23 $\pm$ 5 °C
Relative Humidity:	45 $\pm$ 15 %
Pressure:	1.013 bar

Calibration Results °C	
Max. Reading Error:	0.3 °C
Acceptance Criteria:	$\pm$ 0.5 °C
Uncertainty:	$\pm$ 0.19 °C
Acceptance Criteria is According to Customer Requirement.	

Calibration Results %RH	
Max. Reading Error:	4.9 %RH
Acceptance Criteria:	$\pm$ 5 %RH
Uncertainty:	$\pm$ 1.7 %RH
Acceptance Criteria is According to Customer Requirement.	

Received Date	Issue Date	Calibration Date	Calibration Due
15 Apr 2025	16 Apr 2025	15 Apr 2025	14 Oct 2025

Calibrated By
Name: Bassem Hesham
Title: Calibration Specialist
Signature: *Bassem Hesham*
Date: 15 Apr 2025

Prepared by
Name: Noha Essam
Title: Senior Technical Office Specialist
Signature: *Noha Essam*
Date: 16 Apr 2025

Reviewed & Approved By



F-7 8 / 09

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Ver. No.: 01

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VOL-01) PERFORMANCE QUALIFICATION PROTOCOL

ANNEX 01.02.01

ATTACHMENTS

ATTACHMENTS 01.02.01.07

Inspection Certificate



STABILITY CHAMBER PERFORMANCE QUALIFICATION

Certificate No.: PQ-003-2025

**Certificate
of
Performance Qualification Execution
for Walk-In Accelerated Stability Chamber
(QC-STB-04)**

at UTOPIA PHARMACEUTICALS

Executed By

Techno Air Gate Company (TAG)

Egypt

The inspection test was performed in compliance with the requirements of ISO/IEC 17020/2012, and this certificate confirms that Walk-In Accelerated Stability Chamber fulfills the required acceptance criteria.

Inspection Date:
02/06/2025

Certificate Issue Date:
10/06/2024

This certificate relates to report no.:
PQR-M-00325

Prepared By

M. Hass



Head of Department

[Signature]

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F-7.4/02
Issue No.: 01.0
Ver. No.: 01

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Issue Date: 01 Oct., 2024

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