

Page 1 of 4

Certificate of Calibration

EQUIPMENT : INCUBATORS, INFANT

ID CODE : PTP00482

MANUFACTURER : ATOM

MODEL : RABEE INCU I

SERIAL No. : 2521052

LOCATION : Nursery

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 17 APRIL 2024

ISSUE DATE : 3 MAY 2024

Supatcha		むりとれ
	Approved by:	-

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

This certificate may not be reproduced except in full unless permission for reproduction has been obtained in writing from the calibration.

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEINCUBATORFLUKEINCU II54850013L20230525126 May 2024

AND RADIANT BIOMEDICAL

WARMER ANALYZER

Performed by:

2. THIS CERTIFICATION IS TRACEABLE TO:

- Temperature, Dimension, mass, Anemometer, Electrical/Frequency, Relative Humidity

3. THIS RESULT OF TEST WAS FOUND ACCURATE AS SHOW ON DATE AND PLACE OF TEST ONLY



Page 2 of 4

Calibration Report

EQUIPMENT : INCUBATORS, INFANT

ID CODE : PTP00482

MANUFACTURER : ATOM

MODEL : RABEE INCU I

SERIAL No. : 2521052

DATE OF CALIBRATION : 17 APRIL 2024

ENVIRONMENT : TEMPERATURE 24 °C

RELATIVE HUMIDITY 55 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

/	Without Adjustment		Before Adjustment		After Adjustment
---	--------------------	--	-------------------	--	------------------

Skin Probe Temperature				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
35.99	35.80	-0.19	-0.53	± 0.0543

Hood Air Temperature T1				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
30	30.11	0.10	0.35	± 0.0546
34	34.23	0.23	0.68	± 0.0551
37	37.23	0.23	0.62	± 0.0561

Hood Air Temperature T2				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
30	30.41	0.41	1.37	± 0.0551
34	34.72	0.72	2.12	± 0.0551
37	37.27	0.27	0.74	± 0.0551

Hood Air Temperature T3				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
30	30.23	0.23	0.77	± 0.0563
34	34.37	0.37	1.09	± 0.0543
	1			



Page 3 of 4

Calibration Report

EQUIPMENT : INCUBATORS, INFANT

ID CODE : PTP00482 SERIAL No. : 2521052

Hood Air Temperature T3 (Continues)				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
37	37.32	0.32	0.86	± 0.0551

Hood Air Temperature T4				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
30	30.55	0.55	1.84	± 0.0551
34	34.72	0.72	2.11	± 0.0551
37	37.08	0.08	0.22	± 0.0551

Hood Air Temperature T5				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(°C)	(°C)	(°C)	(%)	(°C)
30	30.44	0.44	1.46	± 0.0563
34	34.91	0.91	2.66	± 0.0546
37	37.26	0.26	0.71	± 0.0581

Humidity				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(%RH)	(%RH)	(%RH)	(%)	(%RH)
54	47.78	-6.22	-11.53	± 2.5676

Noise < 60 dB.A		
UUC* Setting	Standard Reading	Uncertainty
(dB.A)	(dB.A)	(dB.A)
60	50.30	± 0.4800

Air Flow < 0.35 m/sec				
UUC* Setting	Standard Reading			
(m/sec)	(m/sec)			
0.35	0.10			

UUC*: Unit Under Calibration



Page 4 of 4

Calibration Report

EQUIPMENT : INCUBATORS, INFANT

ID CODE : PTP00482

SERIAL No. : 2521052

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

FI-BME-NHS-CP-010/1 Rev.03 Page 4/4 Issued Date 20/07/2023