

Certificate No. 24

24PTP_0104240164

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Certificate of Calibration

EQUIPMENT : RESPIROMETER

ID CODE : PTP03921

MANUFACTURER : FERRARIS

MODEL : HALOSCALE

SERIAL No. : HS29329

LOCATION : I.C.U

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 19 APRIL 2024

ISSUE DATE : 3 MAY 2024

Supatcha Approved by :

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

Performed by:

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEGas Flow AnalyzerFluke BiomedicalVT650606972523MD115827 Aug 2024

2. THIS CERTIFICATION IS TRACEABLE TO:

- Technology Promotion Association (Thai-Japan)

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



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Calibration Report

EQUIPMENT : RESPIROMETER

ID CODE : PTP03921

MANUFACTURER : FERRARIS

MODEL : HALOSCALE

SERIAL No. : HS29329

DATE OF CALIBRATION : 19 APRIL 2024

ENVIRONMENT : TEMPERATURE 24 °C

RELATIVE HUMIDITY 56 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

/	Without Adjustment		Before Adjustment		After Adjustment
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VOLUME								
UUC* Setting	Standard Reading	Error	% Error	Uncertainty				
(mL)	(mL)	(mL)	(%)	(mL)				
300	297.50	-2.50	-0.83	± 15.2434				
400	387.50	-12.50	-3.13	± 15.2434				
500	482.50	-17.50	-3.50	± 22.2686				
600	580.00	-20.00	-3.33	± 21.7000				

UUC*: Unit Under Calibration

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%

2301/2 New Petchburi Soi 47 (soonvijai), Bangkapi, Huaykwang, Bangkok 10310 Tel: (66) 2762 4000 Fax: (66) 2762 4072

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