

Certificate No.

24PTP_0104240163

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Certificate of Calibration

EQUIPMENT : RESPIROMETER

ID CODE : PTP02557

MANUFACTURER : FERRARIS

MODEL : HALOSCALE

SERIAL No. : HS29303

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

Performed by : _____ Approved by :

7,0,

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

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 : PTP02557

MANUFACTURER : FERRARIS

MODEL : HALOSCALE

SERIAL No. : HS29303

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	287.50	-12.50	-4.17	± 15.2434				
400	390.00	-10.00	-2.50	± 14.4000				
500	485.00	-15.00	-3.00	± 22.4549				
600	577.50	-22.50	-3.75	± 22.2686				

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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