

Certificate No.

24PTP_0104240106

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Certificate of Calibration

EQUIPMENT : OXYGEN HIGH FLOW

ID CODE : PTP03869

MANUFACTURER : COMEN

MODEL : NF5

SERIAL No. : F5210607105C

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 : 18 APRIL 2024

ISSUE DATE : 1 MAY 2024

Supatcha		むりとれ
	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 : OXYGEN HIGH FLOW

ID CODE : PTP03869

MANUFACTURER : COMEN

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SERIAL No. : F5210607105C

DATE OF CALIBRATION : 18 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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FLOW RATE				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(LPM)	(LPM)	(LPM)	(%)	(LPM)
20	19.83	-0.18	-0.88	± 0.2525
30	28.66	-1.34	-4.47	± 0.3543
40	37.35	-2.65	-6.63	± 0.4641
50	47.08	-2.92	-5.83	± 0.5827
60	58.93	-1.08	-1.79	± 0.5817

OXYGEN CONCENTRATION						
UUC* Setting	Standard Reading	Error	% Error	Uncertainty		
(%O ₂)	(%O ₂)	(%O ₂)	(%)	(%O ₂)		
21	21.70	0.70	3.33	± 0.4850		
60	60.30	0.30	0.50	± 1.3857		
100	97.40	-2.60	-2.60	± 2.3095		

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%

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