

Certificate No. 24PT

24PTP_0104240206

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Certificate of Calibration

EQUIPMENT : OXYGEN HIGH FLOW

ID CODE : PTP03871

MANUFACTURER : COMEN

MODEL : NF5

SERIAL No. : F5210615071C

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 : 1 MAY 2024

Performed by:

Approved by :

USANEE CHALONGPHOKSILCHAI

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 : OXYGEN HIGH FLOW

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MANUFACTURER : COMEN

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SERIAL No. : F5210615071C

DATE OF CALIBRATION : 19 APRIL 2024

ENVIRONMENT : TEMPERATURE 25 °C

RELATIVE HUMIDITY 55 %

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	20.41	0.41	2.05	± 0.2404				
30	30.00	0.00	0.00	± 0.3500				
40	42.18	2.18	5.44	± 0.4601				
50	52.11	2.11	4.22	± 0.5802				
60	64.53	4.53	7.55	± 0.5803				

OXYGEN CONCENTRATION								
UUC* Setting	Standard Reading	Error	% Error	Uncertainty				
(%O ₂)	(%O ₂)	(%O ₂)	(%)	(%O ₂)				
21	20.78	-0.22	-1.07	± 0.4876				
60	59.68	-0.33	-0.54	± 1.3866				
100	99.53	-0.47	-0.47	± 2.3100				

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%

FI-BME-NHS-CP-068/1 Rev.03 Page 2/2 Issued Date 20/07/2023