

Certificate No. 24H

24PTP_0104240324

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Certificate of Calibration

EQUIPMENT : OXYGEN HIGH FLOW

ID CODE : PTP03870

MANUFACTURER : COMEN

MODEL : NF5

SERIAL No. : F5210615003C

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 : 25 APRIL 2024

ISSUE DATE : 1 MAY 2024

Kanittha.
Approved by:

KANITTHA SRIPRAPAD

Performed by :

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. : F5210615003C

DATE OF CALIBRATION : 25 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	21.05	1.05	5.25	± 0.2400				
30	31.84	1.84	6.13	± 0.3500				
40	42.15	2.15	5.38	± 0.4600				
50	49.67	-0.33	-0.66	± 0.5800				
60	58.89	-1.11	-1.85	± 0.5979				

OXYGEN CONCENTRATION								
UUC* Setting	Standard Reading	Error	% Error	Uncertainty				
(%O ₂)	(%O ₂)	(%O ₂)	(%)	(%O ₂)				
21	21.60	0.60	2.86	± 0.4850				
60	60.48	0.48	0.79	± 1.3938				
100	99.30	-0.70	-0.70	± 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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