

Certificate No.

24PTP_0104240345

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PTP00204

MANUFACTURER : NOVAMETRIX

MODEL : 515A

SERIAL No. : 79-1538TPR

LOCATION : BME-PTP

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 26 APRIL 2024

ISSUE DATE : 1 MAY 2024

Kanittha.

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Performed by : KANITTHA SRIPRAPAD

PHUWASIN YIWKIM

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Approved by:

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEVitalsign SimulatorFlukeProSim8254103123MD7777 Jun 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 : OXIMETERS, PULSE

ID CODE : PTP00204

MANUFACTURER : NOVAMETRIX

MODEL : 515A

SERIAL No. : 79-1538TPR

DATE OF CALIBRATION : 26 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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%Spo2								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)				
90	90.00	0.00	0.00	± 0.1039				
96	96.00	0.00	0.00	± 0.1109				
100	100.00	0.00	0.00	± 0.1155				

Heart Rate								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(BPM)	(BPM)	(BPM)	(%)	(BPM)				
60	60.00	0.00	0.00	± 0.0150				
80	80.00	0.00	0.00	± 0.0460				
120	120.00	0.00	0.00	± 0.0460				

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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