

Certificate No.

24PTP_0104240099

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Certificate of Calibration

EQUIPMENT OXIMETERS, PULSE

ID CODE PTP00488

MANUFACTURER MASIMO

MODEL RADICAL-7

SERIAL No. 228092

LOCATION Nursery

SUBMITTED BY PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

CALIBRATED DATE 17 APRIL 2024

ISSUE DATE 1 MAY 2024

Supatcha

Performed by: SUPATCHA BUAPUEAN

Approved by:

PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTER MANUFACTURER MODEL SERIAL NO. CERTIFICATE NO. DUE DATE 2541031 ProSim8 23MD777 7 Jun 2024 Vitalsign Simulator Fluke

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 : PTP00488

MANUFACTURER : MASIMO

MODEL : RADICAL-7

SERIAL No. : 228092

DATE OF CALIBRATION : 17 APRIL 2024

ENVIRONMENT : TEMPERATURE 24 °C

RELATIVE HUMIDITY 55 %

PROCEDURE USED:

This instrument was calibration by comparison with standard

MEASURMENT RESULT:

/	Without Adjustment	Before Adjustment	After Adjustment

%Spo2								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)				
90	90.50	0.50	0.56	± 0.9709				
96	96.25	0.25	0.26	± 0.8476				
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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