

Certificate No.

24PYT3_DEC12240164

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Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_02956

MANUFACTURER : MASIMO

MODEL : RADICAL-7

SERIAL No. : 1000032387

LOCATION : NURSERY

SUBMITTED BY : PHYATHAI 3 HOSPITAL

111 Phet Kasem Rd., Pak Khlong Phasi Charoen, Phasi Charoen Bangkok 10160

Tel: (662) 467-1111 Fax: (622) 467-1111

CALIBRATED DATE : 16 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

| Performed by: | / | Approved by : | | | |
|---------------|-------------|---------------|--------------------|--|--|
| | SOM KONKAEW | | PUKARIN TONGKLIANG | | |

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATETester, Vital SignFLUKEPROSIM 8570205924MD54530 Apr 2025

Simulator

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 : PYT3_02956

MANUFACTURER : MASIMO

MODEL : RADICAL-7

SERIAL No. : 1000032387

DATE OF CALIBRATION : 16 DECEMBER 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 |
|---|--------------------|-------------------|------------------|
| | | | |

| %Spo2 | | | | |
|----------------------|----------------------|----------------------|---------|----------------------|
| Standard Setting | UUC* Reading | Error | % Error | Uncertainty |
| (%SPO ₂) | (%SPO ₂) | (%SPO ₂) | (%) | (%SPO ₂) |
| 90 | 90.01 | 0.01 | 0.01 | ± 0.0547 |
| 96 | 96.00 | -0.00 | -0.00 | ± 0.0745 |
| 100 | 100.01 | 0.01 | 0.01 | ± 0.0950 |

| Heart Rate | | | | | |
|------------------|--------------|-------|---------|-------------|--|
| Standard Setting | UUC* Reading | Error | % Error | Uncertainty | |
| (BPM) | (BPM) | (BPM) | (%) | (BPM) | |
| 60 | 60.03 | 0.02 | 0.04 | ± 0.0319 | |
| 80 | 80.01 | 0.01 | 0.02 | ± 0.1154 | |
| 120 | 119.99 | -0.01 | -0.01 | ± 0.1174 | |

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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