

Certificate No.

24PYT3_DEC12240070

Page 1 of 2

Certificate of Calibration

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05526

MANUFACTURER : EDAN

MODEL : H100B

SERIAL No. : M16C03920117

LOCATION : OPD PEDIATRIC(แผนกเด็ก)

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 : 1 DECEMBER 2024

ISSUE DATE : 30 DECEMBER 2024

Performed by : Approved by : PUKARIN TONGKLIANG

SOM KONKAEW PUKARIN TONGKLIANG

This certificate may not be reproduced except in full unless permission for reproduction has been obtained in writing from the calibration.

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



Certificate No. 24PYT3_DEC12240070

Page 2 of 2

Calibration Report

EQUIPMENT : OXIMETERS, PULSE

ID CODE : PYT3_05526

MANUFACTURER : EDAN MODEL : H100B

SERIAL No. : M16C03920117

DATE OF CALIBRATION : 1 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 | 90.02 | 0.02 | 0.02 | ± 0.0676 | | | | |
| 96 | 96.99 | 0.99 | 1.03 | ± 0.0956 | | | | |
| 100 | 100.00 | -0.00 | -0.00 | ± 0.0769 | | | | |

| Heart Rate | | | | | | | | | |
|------------------|--------------|-------|---------|-------------|--|--|--|--|--|
| Standard Setting | UUC* Reading | Error | % Error | Uncertainty | | | | | |
| (BPM) | (BPM) | (BPM) | (%) | (BPM) | | | | | |
| 60 | 59.97 | -0.03 | -0.05 | ± 0.0298 | | | | | |
| 80 | 80.00 | -0.00 | -0.01 | ± 0.1114 | | | | | |
| 120 | 120.01 | 0.01 | 0.01 | ± 0.1109 | | | | | |

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-012/1 Rev.04 Page 2/2 Issued Date 20/07/2024