Certificate of Calibration

EQUIPMENT	:	OXIMETERS, PULSE
ID CODE	:	PYT3_08532
MANUFACTURER	:	EDAN
MODEL	:	H100B
SERIAL No.	:	360101M21900430037
LOCATION	:	WARD 8
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 : _____

SOM KONKAEW *PUKARIN TONGKLIANG*

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTER	MANUFACTURER	MODEL	SERIAL NO.	CERTIFICATE NO.	DUE DATE
Tester, Vital Sign Simulator	FLUKE	PROSIM 8	5702059	24MD545	30 Apr 2025

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

Calibration Report

EQUIPMENT	:	OXIMETERS, PULSE	
ID CODE	:	PYT3_08532	
MANUFACTURER	:	EDAN	
MODEL	:	H100B	
SERIAL No.	:	360101M21900430037	
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 ($\%SPO_2$)	UUC* Reading ($\%SPO_2$)	Error ($\%SPO_2$)	% Error (%)	Uncertainty ($\%SPO_2$)
90	91.01	1.01	1.12	± 0.0978
96	97.03	1.03	1.07	± 0.0625
100	100.00	-0.00	-0.00	± 0.0565

Heart Rate				
Standard Setting (BPM)	UUC* Reading (BPM)	Error (BPM)	% Error (%)	Uncertainty (BPM)
60	59.98	-0.02	-0.03	± 0.0973
80	79.98	-0.02	-0.03	± 0.1119
120	120.01	0.00	0.00	± 0.1160

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%

2301/2 New Petchburi Soi 47 (soonvijai), Bangkapi, Huaykwang, Bangkok 10310
Tel: (66) 2762 4000 Fax: (66) 2762 4072