Certificate of Calibration

EQUIPMENT	:	MODULE, ECG/SPO2/NIBP
ID CODE	:	PLP02512
MANUFACTURER	:	PHILIPS
MODEL	:	M3001A
SERIAL No.	:	DE83753521
LOCATION	:	I.C.U
SUBMITTED BY	:	PHYATHAI PHAHOLYOTHIN HOSPITAL
		670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400
		Tel : 02-271-7000 Fax : -
CALIBRATED DATE	:	19 APRIL 2024
ISSUE DATE	:	2 MAY 2024

Performed by : Supatcha _____ Approved by : _____

SUPATCHA BUAPUEAN *PHUWASIN YIWKIM*

CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

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

Calibration Report

EQUIPMENT	:	MODULE, ECG/SPO2/NIBP	
ID CODE	:	PLP02512	
MANUFACTURER	:	PHILIPS	
MODEL	:	M3001A	
SERIAL No.	:	DE83753521	
DATE OF CALIBRATION	:	19 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

Temperature				
Standard Setting (°C)	UUC* Reading (°C)	Error (°C)	% Error (%)	Uncertainty (°C)
35	35.00	0.00	0.00	± 0.0051
37	37.00	0.00	0.00	± 0.0051
39	39.00	0.00	0.00	± 0.0055

Systolic(IBP)				
Standard Setting (mmHg)	UUC* Reading (mmHg)	Error (mmHg)	% Error (%)	Uncertainty (mmHg)
10	10.00	0.00	0.00	± 0.1155
24	24.00	0.00	0.00	± 0.2771
120	120.00	0.00	0.00	± 1.3857

Diastolic(IBP)				
Standard Setting (mmHg)	UUC* Reading (mmHg)	Error (mmHg)	% Error (%)	Uncertainty (mmHg)
2	2.00	0.00	0.00	± 0.0231
10	10.00	0.00	0.00	± 0.1155
80	80.00	0.00	0.00	± 0.9238

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