

Certificate No.

24PYT3_DEC12240121

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Certificate of Calibration

EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PYT3_02313

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE21072998

LOCATION : EMERGENCY(ฉูกเฉิน) (bed 4)

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 : 4 DECEMBER 2024
ISSUE DATE : 30 DECEMBER 2024

In

Performed by:		Approved by :	1	
	SOM KONKAFW		PUKARIN TONGKI IANG	

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

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

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 : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PYT3_02313

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE21072998

DATE OF CALIBRATION : 4 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
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Systolic				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)
60	60.02	0.02	0.03	± 0.0341
120	115.98	-4.02	-3.35	± 0.0595
200	193.99	-6.01	-3.01	± 0.0515

Diastolic				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)
30	30.96	0.96	3.21	± 0.0494
80	80.99	0.99	1.24	± 0.0302
150	144.98	-5.02	-3.35	± 0.0776

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.00	-0.01	-0.01	± 0.0500	
80	80.00	0.00	0.00	± 0.1103	
120	120.01	0.00	0.00	± 0.1206	

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EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PYT3_02313 SERIAL No. : DE21072998

%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	90.99	0.99	1.10	± 0.0720
96	97.00	1.00	1.04	± 0.0341
100	99.97	-0.04	-0.04	± 0.0416

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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