

Certificate No.

24PYT3_DEC12240157

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Certificate of Calibration

EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PYT3_06791

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE656C4125

LOCATION : NURSERY(เด็กอ่อน)

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 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

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ID CODE : PYT3_06791

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE656C4125

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
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Systolic				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)
60	60.00	-0.00	-0.00	± 0.0589
80	83.02	3.02	3.78	± 0.0811
100	101.03	1.03	1.03	± 0.0478

Diastolic					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)	
30	31.99	1.99	6.64	± 0.0494	
50	53.00	3.00	6.01	± 0.0745	
65	68.98	3.98	6.12	± 0.0234	

Heart Rate					
Standard Setting	UUC* Reading	Error	% Error	Uncertainty	
(BPM)	(BPM)	(BPM)	(%)	(BPM)	
60	60.00	0.00	0.00	± 0.0929	
80	79.96	-0.04	-0.05	± 0.1139	
120	120.01	0.00	0.00	± 0.1258	

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EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PYT3_06791 SERIAL No. : DE656C4125

%Spo2				
Standard Setting	UUC* Reading	Error	% Error	Uncertainty
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)
90	90.01	0.00	0.01	± 0.0770
96	97.01	1.01	1.05	± 0.0951
100	99.99	-0.02	-0.02	± 0.0641

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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