

Certificate No. 2

24PTP_0104240101

Page 1 of 3

Certificate of Calibration

EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

ID CODE : PTP01071

MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE580A0596

LOCATION : Nursery

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 17 APRIL 2024

ISSUE DATE : 3 MAY 2024

Supatcha

Performed by : _____ Approved by :

proved by:

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEVitalsign SimulatorFlukeProSim8254103123MD7777 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



Certificate No. 24PTP_0104240101

Page 2 of 3

Calibration Report

EQUIPMENT : MONITORS, BEDSIDE, PHYSIOLOGIC

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MANUFACTURER : PHILIPS

MODEL : INTELLIVUE MP5(M8105A)

SERIAL No. : DE580A0596

DATE OF CALIBRATION : 17 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
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Systolic(NIBP)						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)		
60	62.00	2.00	3.33	± 0.9238		
80	82.00	2.00	2.50	± 1.0393		
100	100.00	0.00	0.00	± 1.1547		

Diastolic(NIBP)						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(mmHg)	(mmHg)	(mmHg)	(%)	(mmHg)		
30	35.00	5.00	16.67	± 0.7506		
50	55.00	5.00	10.00	± 0.8661		
65	71.00	6.00	9.23	± 0.9527		

%Spo2						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(%SPO ₂)	(%SPO ₂)	(%SPO ₂)	(%)	(%SPO ₂)		
90	90.25	0.25	0.28	± 0.8452		
96	96.25	0.25	0.26	± 0.8476		
100	100.00	0.00	0.00	± 0.1155		

FI-BME-NHS-CP-029/1 Rev.03 Page 2/3 Issued Date 20/07/2023



Certificate No. 24PTP_0104240101

Page 3 of 3

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Temperature						
Standard Setting	UUC* Reading	Error	% Error	Uncertainty		
(°C)	(°C)	(°C)	(%)	(°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		

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%