

Certificate No.

24PTP_0104240098

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Certificate of Calibration

EQUIPMENT : DETECTORS, FETAL HEART, ULTRASONIC

ID CODE : PTP03568

MANUFACTURER : NICOLET

MODEL : 200R

SERIAL No. : ECH0988

LOCATION : Obstetric & Gynecology Center

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 : 1 MAY 2024

Supatcha 27024

Performed by : _____ Approved by : _____

SUPATCHA BUAPUEAN PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEFetal SimulatorFlukePS-320283402123MD185812 Dec 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



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Calibration Report

EQUIPMENT : DETECTORS, FETAL HEART, ULTRASONIC

ID CODE : PTP03568

MANUFACTURER : NICOLET

MODEL : 200R

SERIAL No. : ECH0988

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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FETAL RATE								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(BPM)	(BPM)	(BPM)	(%)	(BPM)				
90	89.50	-0.50	-0.56	± 1.0168				
120	120.50	0.50	0.42	± 0.9208				
150	150.25	0.25	0.17	± 0.8051				
180	181.75	1.75	0.97	± 0.8051				

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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