

Certificate No. 24PTP_0104240069

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Certificate of Calibration

EQUIPMENT : DETECTORS, FETAL HEART, ULTRASONIC

ID CODE : PTP00004

MANUFACTURER : EDAN

MODEL : F9

SERIAL No. : 560154-M15902850001

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

Performed by: _____ Approved by:

3,1024

USANEE CHALONGPHOKSILCHAI 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 : PTP00004

MANUFACTURER : EDAN

MODEL : F9

SERIAL No. : 560154-M15902850001

DATE OF CALIBRATION : 17 APRIL 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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FETAL RATE								
Standard Setting	UUC* Reading	Error	% Error	Uncertainty				
(BPM)	(BPM)	(BPM)	(%)	(BPM)				
90	90.00	0.00	0.00	± 0.2100				
120	120.00	0.00	0.00	± 0.2800				
150	150.00	0.00	0.00	± 0.5300				
180	179.00	-1.00	-0.56	± 0.5300				

FETAL RATE (CH 2)									
UUC* Setting	Standard Reading	Error	% Error	Uncertainty					
(BPM)	(BPM)	(BPM)	(%)	(BPM)					
90	90.00	0.00	0.00	± 0.6144					
120	120.00	0.00	0.00	± 0.6417					
150	150.00	0.00	0.00	± 0.7837					
180	181.00	1.00	0.56	± 0.7837					

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%

FI-BME-NHS-CP-021/1 Rev.03 Page 2/2 Issued Date 20/07/2023