

*Certificate No.* 24PTP\_0104240082

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### **Certificate of Calibration**

EQUIPMENT : DETECTORS, FETAL HEART, ULTRASONIC

ID CODE : PTP00965

MANUFACTURER : EDAN

MODEL : F9

SERIAL No. : 460475-M16B0256007

LOCATION : Labour Room

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 :

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**

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SERIAL No. : 460475-M16B0256007

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	149.00	-1.00	-0.67	± 0.5300					
180	180.00	0.00	0.00	± 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	180.00	0.00	0.00	± 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