

Certificate No.

24PTP_0104240103

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Certificate of Calibration

EQUIPMENT : VACUUM EXTRACTOR, OBSTETRIC

ID CODE : PTP00950

MANUFACTURER : ATMOS

MODEL : S 351 NATAL

SERIAL No. : 200014010-124628-2014-11

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 : 3 MAY 2024

Supatcha

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 DATEPressure CalibratorFluke717 30G573013523P195612 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



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Calibration Report

EQUIPMENT : VACUUM EXTRACTOR, OBSTETRIC

ID CODE : PTP00950

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MODEL : S 351 NATAL

SERIAL No. : 200014010-124628-2014-11

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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VACUUM								
UUC* Setting	Standard Reading	Error	% Error	Uncertainty				
(kPa)	(kPa)	(kPa)	(%)	(kPa)				
20	20.82	0.82	4.08	± 0.0338				
40	43.17	3.17	7.93	± 0.0393				
60	62.15	2.15	3.57	± 0.0260				
80	81.05	1.05	1.32	± 0.0303				

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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