

Certificate No.

24PTP_0104240091

Page 1 of 2

Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP01469

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : ELZ8641S

LOCATION : Patient Wards 15

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

Chakkaphan

CHAKKAPHAN KHAMPHUMI

Performed by:

Approved by :

21011

PHUWASIN YIWKIM

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CONDITION OF THIS RESULT OF TEST

1. REFERENCE STANDARD INSTRUMENT:

MASTERMANUFACTURERMODELSERIAL NO.CERTIFICATE NO.DUE DATEInfusion PumpRIGEL MedicalMulti-Flo23Q-141223MD116924 Aug 2024

Tester

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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Page 2 of 2

QUIPMENT	: INF	FUSION PUMPS		
CODE	: PT)	P01469		
IANUFACTURER	: ТО	P		
IODEL	: ТО	P-2200		
ERIAL No.	· FL	Z8641S		
ATE OF CALIBRA		APRIL 2024		
			24 00	
NVIRONMENT		MPERATURE LATIVE HUMIDITY	24 °C	
IEASURMENT RE				
EASURMENT RE / Without Adjus	SULT:	Before Adjustment	After A	Adjustment
EASURMENT RE / Without Adjus Flow Rate	SULT: tment 1	Before Adjustment		
EASURMENT RE / Without Adjus	SULT:		% Error	Adjustment Uncertainty (ml/hr)
Without Adjus Flow Rate UUC* Setting	SULT: tment 1	Before Adjustment Error	% Error	Uncertainty
Without Adjus Flow Rate UUC* Setting (ml/hr)	SULT: tment	Before Adjustment Error (ml/hr)	% Error (%)	Uncertainty (ml/hr)
Flow Rate UUC* Setting (ml/hr) 5	SULT: tment Standard Reading (ml/hr) 5.29	Error (ml/hr) 0.29	% Error (%) 5.80	Uncertainty (ml/hr) ± 0.0600
Flow Rate UUC* Setting (ml/hr) 5 80 200	SULT: tment	Error (ml/hr) 0.29 5.73	% Error (%) 5.80 7.16	Uncertainty (ml/hr) ± 0.0600 ± 0.2600
Flow Rate UUC* Setting (ml/hr) 5 80	Standard Reading (ml/hr) 5.29 85.73 217.90 e < 1000 mmHg	Error (ml/hr) 0.29 5.73	% Error (%) 5.80 7.16	Uncertainty (ml/hr) ± 0.0600 ± 0.2600
Flow Rate UUC* Setting (ml/hr) 5 80 200 Occlusion Pressure	SULT: tment	Error (ml/hr) 0.29 5.73	% Error (%) 5.80 7.16	Uncertainty (ml/hr) ± 0.0600 ± 0.2600
Flow Rate UUC* Setting (ml/hr) 5 80 200 Occlusion Pressure UUC* Setting	Standard Reading (ml/hr) 5.29 85.73 217.90 e < 1000 mmHg Standard Reading	Error (ml/hr) 0.29 5.73	% Error (%) 5.80 7.16	Uncertainty (ml/hr) ± 0.0600 ± 0.2600

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