

Certificate No.

24PTP_0104240033

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02352

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : ELZ8612S

LOCATION : Emergency & Ambulance

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

670/1 Phaholyothin Road, Samsen Nai, Phaya Thai, Bangkok 10400

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 16 APRIL 2024

ISSUE DATE : 3 MAY 2024

Chakkaphan

Performed by : CHAKKAPHAN KHAMPHUMI

Approved by :

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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EQUIPMENT	: INF	FUSION PUMPS		
D CODE	: PTI	202352		
MANUFACTURER	: TO	P		
MODEL	: ТО	P-2200		
ERIAL No.	: ELZ	Z8612S		
DATE OF CALIBRA		APRIL 2024		
ENVIRONMENT		MPERATURE	24 °C	
ENVIRONWENT		WFERATURE LATIVE HUMIDITY		
/ Without Adjus	tment	Before Adjustment	After	Adjustment
Flow Rate				
IIIIC* Setting	Standard Panding	Error	% Error	Uncertainty
UUC* Setting (ml/hr)	Standard Reading (ml/hr)	Error (ml/hr)	% Error	Uncertainty (ml/hr)
UUC* Setting (ml/hr) 5	Standard Reading (ml/hr) 5.28	Error (ml/hr) 0.28	% Error (%) 5.60	Uncertainty (ml/hr) ± 0.0600
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
(ml/hr) 5	(ml/hr) 5.28	(ml/hr) 0.28	(%) 5.60	(ml/hr) ± 0.0600
(ml/hr) 5 80 200	(ml/hr) 5.28 85.73 215.24	(ml/hr) 0.28 5.73	(%) 5.60 7.16	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressure	(ml/hr) 5.28 85.73 215.24 e < 1000 mmHg	(ml/hr) 0.28 5.73	(%) 5.60 7.16	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressure UUC* Setting	(ml/hr) 5.28 85.73 215.24 e < 1000 mmHg Standard Reading	(ml/hr) 0.28 5.73	(%) 5.60 7.16	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressure	(ml/hr) 5.28 85.73 215.24 e < 1000 mmHg	(ml/hr) 0.28 5.73	(%) 5.60 7.16	(ml/hr) ± 0.0600 ± 0.2600