

Certificate No.

24PTP_0104240134

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP01428

MANUFACTURER : TOP

MODEL : TOP-2300

SERIAL No. : 15A0165

LOCATION : Patient Wards 18

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 18 APRIL 2024

ISSUE DATE : 3 MAY 2024

Chakkaphan

CHAKKAPHAN KHAMPHUMI

Performed by:

_ 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 2024Tester

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

	: INF	FUSION PUMPS		
D CODE	: PTI	201428		
MANUFACTURER	: ТО	P		
MODEL	: ТО	P-2300		
SERIAL No.	: 154	A0165		
DATE OF CALIBRA		: 18 APRIL 2024		
ENVIRONMENT		MPERATURE	24 °C	
	RE	LATIVE HUMIDITY	55 %	
ROCEDURE USEI				
This instrument w	as calibration by com	parison with standard		
MEASURMENT RE	SULT:			
/ Without Adjus	tment	Before Adjustment	After A	djustment
Flow Rate				T
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
	(ml/hr)	(ml/hr)	(%)	(ml/hr)
(ml/hr)		0.0-		± 0.0600
5	5.25	0.25	5.00	
5 80	5.25 83.24	3.24	4.05	± 0.2600
5	5.25			
5 80 200	5.25 83.24 213.57	3.24	4.05	± 0.2600
5 80 200 Occlusion Pressur	5.25 83.24 213.57 e < 1000 mmHg	3.24	4.05	± 0.2600
5 80 200 Occlusion Pressure UUC* Setting	5.25 83.24 213.57 e < 1000 mmHg Standard Reading	3.24	4.05	± 0.2600
5 80 200 Occlusion Pressur	5.25 83.24 213.57 e < 1000 mmHg	3.24	4.05	± 0.2600
5 80 200 Occlusion Pressure UUC* Setting (mmHg)	5.25 83.24 213.57 e < 1000 mmHg Standard Reading (mmHg)	3.24	4.05	± 0.2600
5 80 200 Occlusion Pressure UUC* Setting (mmHg)	5.25 83.24 213.57 e < 1000 mmHg Standard Reading (mmHg)	3.24	4.05 6.79	± 0.2600

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