

Certificate No.

24PTP_0104240049

Page 1 of 2

Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP00388

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : HL63570

LOCATION : I.C.U

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 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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Page 2 of 2

Calibration Report

QUIPMENT	: IN	FUSION PUMPS		
D CODE	: PT	P00388		
MANUFACTURER	: TO	P		
MODEL	: TO	P-2200		
ERIAL No.	: HL	.63570		
DATE OF CALIBRA		: 16 APRIL 2024		
			24 °C	
ENVIRONMENT		MPERATURE		
	RE	LATIVE HUMIDITY	55 %	
ROCEDURE USED				
	•	nparison with standard		
MEASURMENT RE	SULT:			
/ Without Adjus	tment	Before Adjustment	After A	djustment
Flow Rate				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
5	5.27	0.27	5.40	± 0.0600
80	85.78	5.78	7.23	± 0.2600
200	216.86	16.86	8.43	± 0.7100
Occlusion Pressure	e < 1000 mmHg	1		
UUC* Setting	Standard Reading			
(mmHg)	(mmHg)			
1000	346.00			
		1		
		Drops	/ml· 2	20 ml.
Use IV Set Brand:	BEVER	Drops	71111.	.0 1111.