

Certificate No. 24PT

24PTP_0104240064

Page 1 of 2

Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02700

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : GLY2383S

LOCATION : Patient Wards 406

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

	: INF	FUSION PUMPS		
EQUIPMENT D CODE				
		P02700		
MANUFACTURER	: ТО	P		
MODEL	: TO	P-2200		
SERIAL No.	: GL	Y2383S		
DATE OF CALIBRA	ATION : 16	APRIL 2024		
ENVIRONMENT	: TE	MPERATURE	24 °C	
	RE	LATIVE HUMIDITY	Z 55 %	
MEASURMENT RE / Without Adjust		Before Adjustment		djustment
Flow Rate				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
(ml/hr) 5	(ml/hr) 5.21	(ml/hr) 0.21	(%) 4.20	(ml/hr) ± 0.0600
(ml/hr) 5 80	(ml/hr) 5.21 83.39	(ml/hr) 0.21 3.39	(%) 4.20 4.24	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5	(ml/hr) 5.21	(ml/hr) 0.21	(%) 4.20	(ml/hr) ± 0.0600
(ml/hr) 5 80	(ml/hr) 5.21 83.39 207.81	(ml/hr) 0.21 3.39	(%) 4.20 4.24	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200	(ml/hr) 5.21 83.39 207.81	(ml/hr) 0.21 3.39	(%) 4.20 4.24	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressure	(ml/hr) 5.21 83.39 207.81 e < 1000 mmHg	(ml/hr) 0.21 3.39	(%) 4.20 4.24	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressur UUC* Setting	(ml/hr) 5.21 83.39 207.81 e < 1000 mmHg Standard Reading	(ml/hr) 0.21 3.39	(%) 4.20 4.24	(ml/hr) ± 0.0600 ± 0.2600