

Certificate No.

24PTP_0104240052

Page 1 of 2

Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02488

MANUFACTURER : TOP

MODEL : TOP-2300

SERIAL No. : 15A0045

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

This certificate may not be reproduced except in full unless permission for reproduction has been obtained in writing from the calibration.

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



Certificate No. 24PTP_0104240052

Page 2 of 2

QUIPMENT		: IN	FUSION PUMPS			
ID CODE		: PT	PTP02488			
MANUFACTURER		: TO	TOP			
MODEL		: TO	TOP-2300			
SERIAL No.		: 154	15A0045			
DATE OF CALIBRATION		: 16	16 APRIL 2024			
ENVIRONMENT			MPERATURE	24 °C		
2 (VIRCOI (IVIDI (I			LATIVE HUMIDITY			
/ Without Adjus Flow Rate	tment		Before Adjustment	After A	djustment	
UUC* Setting	Standard Reading		Error	% Error	Uncertainty	
(ml/hr)	(ml/hr)		(ml/hr)	(%)	(ml/hr)	
5	4.92		-0.08	-1.60	± 0.0600	
80	78.78		-1.22	-1.53	± 0.2600	
200	199.41		-0.59	-0.30	± 0.7100	
Occlusion Pressure	e < 1000 mm	nHg	1			
UUC* Setting	Standard Reading					
(mmHg)	(mmHg)					
1000	350.00]			
Use IV Set Brand:	BEVER		Drops	s/ml: 2	20 ml.	
JUC* : Unit Under					lied by a coverage	

2301/2 New Petchburi Soi 47 (soonvijai), Bangkapi, Huaykwang, Bangkok 10310 Tel: (66) 2762 4000 Fax: (66) 2762 4072