

Certificate No.

24PTP_0104240032

Page 1 of 2

Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02939

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : ELZ8613S

LOCATION : Patient Wards 15

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:

Approved by:

•

CHAKKAPHAN KHAMPHUMI 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 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



Certificate No. 24PTP_0104240032

Page 2 of 2

QUIPMENT	: INI	: INFUSION PUMPS		
O CODE	; PT	: PTP02939		
IANUFACTURER	: ТО	: TOP		
1ODEL	: ТО	: TOP-2200		
ERIAL No.		: ELZ8613S		
OATE OF CALIBRA				
NVIRONMENT	: TE	MPERATURE	24 °C	
	RE	LATIVE HUMIDITY	55 %	
MEASURMENT RE		Before Adjustment	After A	Adjustment
Flow Rate				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
5	4.88	-0.12	-2.40	± 0.0600
80	77.24	-2.76	-3.45	± 0.2600
200	193.19	-6.81	-3.41	± 0.7100
Occlusion Pressure	e < 1000 mmHg	1		
UUC* Setting	Standard Reading			
(mmHg)	(mmHg)			
1000	387.00			
Use IV Set Brand: BEVE		Drops	s/ml:	20 ml.
-				
UC* : Unit Under	Calibration			
		was based on a standar	d uncertainty multir	olied by a coverage
ported directul	, 01000000101110111	casta sii a saiidai		and of a coverage

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