

*Certificate No.* 24PTP\_0104240227

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## **Certificate of Calibration**

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP01276

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : EL27058S

LOCATION : Patient Wards 16

SUBMITTED BY : PHYATHAI PHAHOLYOTHIN HOSPITAL

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

Tel: 02-271-7000 Fax: -

CALIBRATED DATE : 22 APRIL 2024

ISSUE DATE : 3 MAY 2024

Performed by:

Approved by :

USANEE CHALONGPHOKSILCHAI

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 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



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QUIPMENT	: 1	INFUSION PUMPS		
ID CODE		PTP01276		
MANUFACTURER		TOP		
MODEL		: TOP-2200		
ERIAL No.	: ]	: EL27058S		
ATE OF CALIBRA	ATION : 2	: 22 APRIL 2024		
NVIRONMENT	: '	TEMPERATURE	25 °C	
		RELATIVE HUMIDIT		
/ Without Adjus	unient	Before Adjustment		Adjustment
UUC* Setting	Standard Readin	g Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
5	5.10	0.10	2.05	± 0.0602
80	76.67	-3.33	-4.16	± 0.2600
200	197.58	-2.42	-1.21	± 0.7100
Occlusion Pressure	e < 1000 mmHg			
UUC* Setting	Standard Readin	_		
(mmHg)	(mmHg)			
1000	407.00			
Use IV Set Brand:	BEVE	R Drop	ps/ml:	20 ml.
	Calibration			

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