

Certificate No.

24PTP\_0104240399

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## **Certificate of Calibration**

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02907

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : JL64607S

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 : 30 APRIL 2024

ISSUE DATE : 3 MAY 2024

Subatcha 200%

Performed by : Approved by : SUPATCHA BUAPUEAN

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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# **Calibration Report**

EQUIPMENT		: INFUSION PUMPS			
ID CODE		: PTP02907			
MANUFACTURER		: TOP			
MODEL		: TOP-2200			
SERIAL No.		: JL64607S			
DATE OF CALIBRATION		: 30 APRIL 2024			
ENVIRONMENT		: TEMPERATURE 24 °C			
NVIKONWENI	•				
		ΚĽ	LATIVE HUMIDITY	55 %	
ROCEDURE USE			monicon with steed I		
		y com	parison with standard		
IEASURMENT RE	_				
/ Without Adjustment			Before Adjustment	After	Adjustment
Flow Rate					
UUC* Setting	Standard Reading		Error	% Error	Uncertainty
(ml/hr)	(ml/hr)		(ml/hr)	(%)	(ml/hr)
5	5.13		0.13	2.55	± 0.0608
80	81.35		1.35	1.68	± 0.2602
200	203.08		3.08	1.54	± 0.7101
Oadusian Drassur	20 < 1000 mm	U <sub>a</sub>	1		
=	1	******			
1000	309.05				
			•		
Use IV Set Brand: BEVER		Drops	s/ml:	20 ml.	
	Standard Reading (mmHg) 309.05		Drons	s/ml:	20