

Certificate No.

24PTP\_0104240053

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## **Certificate of Calibration**

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP00094

MANUFACTURER : TOP

MODEL : TOP-2300

SERIAL No. : 15A0138

LOCATION : Patient Wards 18

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

CHAKKAPHAN KHAMPHUMI

Performed by:

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 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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# **Calibration Report**

EQUIPMENT	: IN	FUSION PUMPS		
D CODE	: PT	TP00094		
MANUFACTURER	: ТС	)P		
MODEL	; TC	OP-2300		
SERIAL No.	· 15	A0138		
DATE OF CALIBRA		APRIL 2024		
			24 00	
ENVIRONMENT		EMPERATURE	24 °C	
	RE	ELATIVE HUMIDITY	55 %	
PROCEDURE USED				
This instrument w	as calibration by con	nparison with standard		
MEASURMENT RE	SULT:			
/ Without Adjus	tment	Before Adjustment	After A	djustment
Flow Rate				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
5	4.87	-0.13	-2.60	± 0.0600
80	78.98	-1.02	-1.28	± 0.2600
200	198.94	-1.06	-0.53	± 0.7100
O l l	1000 II			
Occlusion Pressure	1	]		
UUC* Setting	Standard Reading			
UUC* Setting (mmHg)	Standard Reading (mmHg)	-		
UUC* Setting	Standard Reading			
UUC* Setting (mmHg)	Standard Reading (mmHg)	Drops	/ml: 2	0 ml.

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