

Certificate No.

24PTP_0104240056

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS, SYRINGE

ID CODE : PTP00287

MANUFACTURER : TERUMO

MODEL : TE-331

SERIAL No. : 1207000232

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

CHAKKAPHAN KHAMPHUMI

Performed by:

Approved by:

U

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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QUIPMENT	: INF	TUSION PUMPS, SYI	RINGE		
O CODE	: PTI	P00287			
IANUFACTURER	: TEI	RUMO			
1ODEL	: TE-	331			
ERIAL No.		7000232			
ATE OF CALIBRA					
NVIRONMENT	: TE	MPERATURE	24 °C		
	RE	LATIVE HUMIDITY	55 %		
IEASURMENT RE / Without Adjus		Before Adjustment	After A	Adjustment	
Flow Rate					
UUC* Setting	Standard Reading	Error	% Error	Uncertainty	
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)	
5	5.05	0.05	1.00	± 0.0600	
20	19.76	-0.24	-1.20	± 0.2500	
40	39.33	-0.67	-1.68	± 0.2500	
Occlusion Pressure	e < 1000 mmHg				
UUC* Setting	Standard Reading				
(mmHg)	(mmHg)				
1000	292.00				
Use IV Set Brand:	TERUMO	Drops	s/ml:	50 ml.	
UC* : Unit Under	Calibratian				
		vas based on a standar	d uncertainty multir	lied by a coverage	
•	g a level of confidence		• •	med by a coverage	