

Certificate No.

24PTP_0104240054

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS, SYRINGE

ID CODE : PTP00255

MANUFACTURER : TERUMO

MODEL : TE-311

SERIAL No. : 1111000499

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:

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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EQUIPMENT	: INF	FUSION PUMPS, SYI	RINGE	
D CODE	: PTI	P00255		
MANUFACTURER	: TE	RUMO		
MODEL	: TE	-311		
SERIAL No.		1000499		
DATE OF CALIBRA			• • • • •	
ENVIRONMENT	: TE	MPERATURE	24 °C	
	RE	LATIVE HUMIDITY	55 %	
ROCEDURE USED				
This instrument w	as calibration by com	parison with standard		
MEASURMENT RE	SULT:			
/ Without Adjus	tment	Before Adjustment	After A	Adjustment
Flow Rate				
UUC* Setting	Standard Reading	Error	% Error	Uncertainty
(ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
5	4.95	-0.05	-1.00	± 0.0600
20	19.93	-0.07	-0.35	± 0.2500
	40.92	0.92	2.30	± 0.2500
40				
Occlusion Pressure	e < 1000 mmHg			
Occlusion Pressure UUC* Setting	e < 1000 mmHg Standard Reading			
Occlusion Pressure UUC* Setting (mmHg)	e < 1000 mmHg Standard Reading (mmHg)			
Occlusion Pressure UUC* Setting	e < 1000 mmHg Standard Reading			
Occlusion Pressure UUC* Setting (mmHg)	e < 1000 mmHg Standard Reading (mmHg)	Drops	·/ml:	50 ml.