

Certificate No.

24PTP_0104240051

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP02536

MANUFACTURER : TOP

MODEL : TOP-2300

SERIAL No. : 15A0164

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

Performed by : CHAKKAPHAN KHAMPHUMI

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		
D CODE	: PTI	P02536		
IANUFACTURER	: ТО	P		
MODEL	: ТО	P-2300		
ERIAL No.		A0164		
DATE OF CALIBRA		APRIL 2024		
ENVIRONMENT	: TE	MPERATURE	24 °C	
	RE	LATIVE HUMIDITY	545 %	
MEASURMENT RE / Without Adjus		Before Adjustment	After A	Adjustment
Flow Rate				
Flow Rate UUC* Setting	Standard Reading	Error	% Error	Uncertainty
UUC* Setting (ml/hr)	(ml/hr)	(ml/hr)	(%)	(ml/hr)
UUC* Setting (ml/hr)	(ml/hr) 5.16	(ml/hr) 0.16	(%) 3.20	(ml/hr) ± 0.0600
UUC* Setting (ml/hr) 5 80	(ml/hr) 5.16 84.17	(ml/hr) 0.16 4.17	(%) 3.20 5.21	(ml/hr) ± 0.0600 ± 0.2600
UUC* Setting (ml/hr)	(ml/hr) 5.16	(ml/hr) 0.16	(%) 3.20	(ml/hr) ± 0.0600
UUC* Setting (ml/hr) 5 80 200	(ml/hr) 5.16 84.17 216.86	(ml/hr) 0.16 4.17	(%) 3.20 5.21	(ml/hr) ± 0.0600 ± 0.2600
UUC* Setting (ml/hr) 5 80 200	(ml/hr) 5.16 84.17 216.86	(ml/hr) 0.16 4.17	(%) 3.20 5.21	(ml/hr) ± 0.0600 ± 0.2600
UUC* Setting (ml/hr) 5 80 200 Occlusion Pressure	(ml/hr) 5.16 84.17 216.86 e < 1000 mmHg	(ml/hr) 0.16 4.17	(%) 3.20 5.21	(ml/hr) ± 0.0600 ± 0.2600
(ml/hr) 5 80 200 Occlusion Pressur UUC* Setting	(ml/hr) 5.16 84.17 216.86 e < 1000 mmHg Standard Reading	(ml/hr) 0.16 4.17	(%) 3.20 5.21	(ml/hr) ± 0.0600 ± 0.2600