

Certificate No.

24PTP\_0104240059

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## **Certificate of Calibration**

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP01256

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : ELZ8646S

LOCATION : Patient Wards 17

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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MEASURMENT RESULT  Without Adjustment  Flow Rate	: TOI : TOI : ELZ ION : 16 Z : TEN REI calibration by comp	P-2200 Z8646S APRIL 2024 MPERATURE LATIVE HUMIDITY parison with standard Before Adjustment Error	24 °C 55 % After A	djustment  Uncertainty
MODEL SERIAL No. DATE OF CALIBRATION ENVIRONMENT  PROCEDURE USED: This instrument was of MEASURMENT RESULT  Without Adjustment Flow Rate UUC* Setting (ml/hr)	: TO	P-2200 Z8646S APRIL 2024 MPERATURE LATIVE HUMIDITY parison with standard Before Adjustment Error	55 %	
ERIAL No. DATE OF CALIBRATION CONVIRONMENT  PROCEDURE USED: This instrument was of the convironment wa	: ELZ  ION : 16 Z  : TEN  REI  calibration by comp  ILT: ent	Z8646S APRIL 2024 MPERATURE LATIVE HUMIDITY parison with standard Before Adjustment Error	55 %	
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PROCEDURE USED: This instrument was of MEASURMENT RESULT. Without Adjustment was of MEASURMENT RESULT. Without Adjustment was of MEASURMENT RESULT. String String String (ml/hr)	REI calibration by com  JLT: ent	LATIVE HUMIDITY parison with standard Before Adjustment Error	55 %	
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UUC* Setting S (ml/hr)	-		% Error	Uncertainty
(ml/hr)	-		% Error	Uncertainty
	(ml/hr)	( 1/1 )		
_		(ml/hr)	(%)	(ml/hr)
	5.34	0.34	6.80	± 0.0600
80	85.54	5.54	6.93	± 0.2600
200	218.13	18.13	9.07	± 0.7100
Occlusion Pressure	< 1000 mmHg			
	Standard Reading			
(mmHg)	(mmHg)			
1000	394.00			
Use IV Set Brand:	BEVER	Drops/	/ml:2	20 ml.