

Certificate No.

24PTP_0104240038

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Certificate of Calibration

EQUIPMENT : INFUSION PUMPS

ID CODE : PTP01779

MANUFACTURER : TOP

MODEL : TOP-2200

SERIAL No. : JLY5014S

LOCATION : General Medicine

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 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 | | INFUSION PUMPS | | | | |
|---------------------|------------------|-------------------|------------------|---------|-----------|-------------|
| ID CODE | | PTP01779 | | | | |
| MANUFACTURER | | TOP | | | | |
| MODEL | | TOP-2200 | | | | |
| SERIAL No. | | JLY5014S | | | | |
| DATE OF CALIBRATION | | 16 APRIL 2024 | | | | |
| NVIRONMENT | : | TEMPERATURE 24 °C | | | | |
| | | | ATIVE HUMIDITY | 55 % | | |
| / Without Adjus | | | efore Adjustment | | fter Adju | |
| UUC* Setting | Standard Reading | | Error | % Error | | Uncertainty |
| (ml/hr) | (ml/hr) | | (ml/hr) | (%) | | (ml/hr) |
| 5 | 5.11 | | 0.11 | 2.20 | | ± 0.0600 |
| 80 | 79.07 | | -0.93 | -1.16 | | ± 0.2600 |
| 200 | 193.42 | | -6.58 | -3.29 | | ± 0.7100 |
| Occlusion Pressure | e < 1000 mmHg | 2 | | | | |
| UUC* Setting | Standard Reading | | | | | |
| (mmHg) | (mmHg) | | | | | |
| 1000 | 372.00 | | | | | |
| Use IV Set Brand: | BEVER | | Drops/ml: | | 20 | ml. |
| JUC* : Unit Under | Calibration | | | | | |

2301/2 New Petchburi Soi 47 (soonvijai), Bangkapi, Huaykwang, Bangkok 10310 Tel: (66) 2762 4000 Fax: (66) 2762 4072