

## Certificate of Calibration

**Detail :** DIGITAL BLOOD PRESSURE ID No. : BPD-CK-02  
 Manufacturer : OMRON Model : HEM7121 Serial No. : 20190613661VG  
**Department :** โรงพยาบาลหนองหิน Section : รพ.สต.เฉลิมพระเกียรติ  
 หนองหิน จังหวัดเลย

**Room Ambient :** Temperature : 23 °C ( 15-25 °C ) Humidity : 50 %RH ( 20-85 %RH )

**Tested Date :** 2/10/2022 **Approved Date** 3/10/2022

**Measurement Method :** Connect digital blood pressure monitor to standard non-invasive blood pressure instrument.  
 Adjust pressure from machine before record value.

### Standard Used :

Equipment	Manufacture	Model	Serial No.	Certification No.	Cal Date
Non-Invasive Blood Pressure Simulator	Fluke	CuffLink	8931061	21MD877	7/21/2021

### Measurement Results :

Diastolic Pressure	STD Setting	UUC Reading	Error	Uncertainty	Accept value
	(mmHg)	(mmHg)	(mmHg)	(+/-mmHg)	(+/-mmHg)
	30.0	32.00	2.00	0.58	8.00
	80.0	81.00	1.00	0.58	8.00
	100.0	99.00	-1.00	0.58	8.00
Systolic Pressure	STD Setting	UUC Reading	Error	Uncertainty	Accept value
	(mmHg)	(mmHg)	(mmHg)	(+/-mmHg)	(+/-mmHg)
	60.0	59.67	-0.33	0.88	8.00
	120.0	115.67	-4.33	0.88	8.00
	150.0	148.33	-1.67	0.88	8.00
Heart Rate	STD Setting	UUC Reading	Error	Uncertainty	Accept value
	(BPM)	(BPM)	(BPM)	(+/-BPM)	(+/-BPM)
	60.0	60.00	0.00	0.58	2.00
	80.0	80.00	0.00	0.58	2.00
	120.0	120.00	0.00	0.58	2.00

The reported uncertainty is based on a standard uncertainty multiplied by a coverage factor  
 $k = 2$ , Providing a level of confidence of approximately 95%

Cal by : Mr. Panya Boonravikul

Approved by :

Pht. T.

( Mr.Phatchara Temrat )  
 Biomedical Engineer

**Comment :** This report certifies the Comparison results as of the date, the location and the conditions of calibrate only.