CALIBRATION CERTIFICATE

Date of Issue:	24-Aug-21	Certificate Number:	BCT-CC-218919
Equipment:	SPO2 FUNCTIONAL TESTER	Model No:	SPOT LIGHT
Manufacturer:	FLUKE	Serial No:	4690015

Issued By:	BIOMEDICAL CALIBRATION LABORATORY		
Job Number:	21-8919	Date Received:	19-Aug-21
Customer:	CYPRESS MEDIC SDN BHD NO 73-3 & 73-4,JALAN EQUINE 10,TAMAN EQUINE 43300 SERI KEMBANGAN SELANGOR,MALAYSIA		

Environmental Conditions:

Ave. Temperature:	21.0°C (20 °C - 25 °C)	Average Relative Humidity:	59.9% (40% - 60%)
Calibration Date:	20-Aug-21	Due Date Requested By Customer:	20-Aug-22
Calibration Method:	CAL-SPOTLIGHT	Data:	As Found

Calibration Standards Used:

Instruments Type:	Serial No:	Cal. Due Date:	Cal. Cert. No.:	Traceability:
FLUKE SCOPEMETER	25722602	10-Jan-22	SST/SA/R/2021A/616	SIRIM-SST

NOTE:

1. The user should be aware that any number of factors may cause this instrument to drift out of calibration before the specified calibration interval has expired.
2. The standard instruments used in this calibration are traceable to either the National Standards maintained at the National Metrology Centre or other recognized International Standard Laboratories.
3. The uncertainties are for a confidence probability of approximately 95%.
4. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced other than in full except with the prior written approval of the Head of the issuing laboratory.

Signatory
Benjamin

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Manufacturer:	FLUKE	Serial No:	4690015

CALIBRATION DATA

Heart Rate, bpm

DUT Setting	Measured	Tolerance ±	Uncertainty, ±
60	60.00	0.60	0.65
80	80.18	0.80	0.27
100	99.64	1.00	0.79
120	120.34	1.20	0.22
180	180.22	1.80	0.24

FUNCTIONAL CHECK

Firmware Version	1.10
Pulse Amplitude	Pass
Battery Charging	Pass
Low Battery Alarm	Pass

SPO2 Simulation (NELLCOR), % SpO2

DUT Setting	Measured	Tolerance ±	Pass / Fail
100	100	1	Pass
97	97	1	Pass
95	95	1	Pass
90	90	1	Pass
85	85	1	Pass
80	80	1	Pass

SPO2 Simulation (MASIMO), %SpO2

DUT Setting	Measured	Tolerance ±	Pass / Fail
100	100	1	Pass
97	97	1	Pass
95	95	1	Pass
90	90	1	Pass
85	85	1	Pass
80	80	1	Pass

Calibration Performed by: _____
Name: Dina

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