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Calibration Certificate

ADVIA Centaur XP

Customer Name : Manglam Invitro Lab
Instrument Model & Sr No. : Centaur XP IRL85050749
Software Version : **Version 7.2**
Tdef Version : **EM**

1. Perform Dark Count Test **Ok / Not Ok**

(Dark count value for with and without cuvette are checked, the difference between both the means are below 25 RLUs.)

Dark Count Results without Cuvette : (Fill below or attach print out)

Total Results	Results	Remarks
Mean	42.88	Pass
CV	11.49	Pass
SD	4.52	Pass

Dark Count with Cuvette : (Fill below or attach print out)

Total Results	Results	Remarks
Mean	49.67	Pass
CV	9.35	Pass
SD	5.32	Pass

2. Test Point Voltage checked in Back Plane PCB

Test Point	Specification	Observed
TP1	- 12 VDC (-11.76 to 12.24)	-11. 92 V
TP2	24 VDC (23.28 to 24.72)	24.02 V
TP3	12.10 VDC(11.86 to 12.84)	12.15 V
TP4	5.10 VDC (4.99 to 5.20)	5.16 V
TP5	GND	GND
TP6	-12.30 VDC (-12.0 to 12.55)	-12.28 V
TP7	12.10 VDC (11.86 to 12.34)	12.12 V
TP8	5.30 VDC (5.19 to .5.41)	5.28 V

3. Thermal Operations (Fill below)

Module	Tolerance	Equilibrate	Remarks (Ok/Not Ok)
Primary Reagent A	In	In	Ok
Primary Reagent B	In	In	Ok
Primary Reagent C	In	In	Ok
Ancillary Compartment	In	In	Ok
R1 Probe	In	In	Ok
R2 Probe	In	In	Ok
R3 Probe	In	In	Ok
Incubation Ring A	In	In	Ok
Incubation Ring B	In	In	Ok
Incubation Ring C	In	In	Ok
Incubation Ring D	In	In	Ok
Pre Heater	In	In	Ok
PMT	In	In	Ok

CERTIFICATE

This is to certify that ADVIA Centaur XP with Sr .No. IRL85050749 installed at Manglam Invitro lab rajkot has been calibrated on 16th March , 2023 and the same was verified with the following tests.

1. Verified the Calibrations and alignment of Robotics visually
2. Checked the thermal operations of Reagents and ancillary assembly
3. Checked the tip tray loading and tip pick-up and found ok visually.

Calibration of the instrument was carried out as per the recommendation. Checked all voltages of the instrument and found in range with multimeter calibration parameters and performance tests are found within range.

Next Calibration will be performed on 16th March 2023.

Siemens Healthcare Private Limited



Jagannath Choudhary

Regional Customer Care Manager – Wet & West Central

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