

TO WHOM SO EVER IT MAY CONCERN

This is to certify that ADVIA CENTAUR CP Serial No: ROB30002137 has been calibrated on 03.12.2019 at M/S Vijaya Diagnostics Center, Nellore. The hardware calibration has been done by our qualified engineers and records are available with Siemens Limited, 589, Sayajipura, Ajwa road, Baroda - 390019, Gujarat.

The system is Operating with Software Version 6.2 which is the current recommended software version and a copy right Siemens corporation USA. The software has been validated and certified by Engineer of Siemens Ltd. In the event of pilferage or electronic data loss, it is recommended only QA approved version made available by Siemens Corporation through Siemens Ltd, be used.

Final calibration results are as follows:

SYSTEM TEMPERATURES:

Sr.No	Module	Observed value:	Acceptable Range:
1	Ring sensor	37.41 °C	37 ± 0.5°C
2	Reagent Compartment	10.4 °C	8 to 12 °C
3	Sample compartment	25.11 °C	18 to 30 °C

SYSTEM VOLTAGES:

Sr.No	Module	Observed:	Acceptable Range:
1	Ring 1	24.26V	24 ± 1 V
2	Ring 2	24.18V	24 ± 1 V
3	Sample Compartment	24.64V	24 ± 1 V
4	Reagent 1	23.11V	24 ± 1 V
5	Reagent 2	24.67V	24 ± 1 V
6	Luminometer	24.04V	24 ± 1 V
7	Washer module	24.33V	24 ± 1 V

SAMPLE PROBE PRESSURE OFFSET VOLTAGE:

Voltage Adjusted to 1.81 V. (Acceptable Range: 1.80 ± 0.2 V)

REAGENT PROBE BUBBLE DETECTION TEST:

Sr.No		Observed:	Acceptable Range:
1	With Water	0.95V	0.85 to 1.05 V
2	With Air	3.66V	3.2 to 4.2 V

REAGENT PROBE DISPENSE TEST:

(5 replicates of 1ml Dispense)

Observed:

5ml

Acceptable range:

5ml ± 50µl

WASH DISPENSES CALIBRATION:

Sr.No	Dispense port	Observed:	Acceptable:
1	DP1	3.0ml	3.0ml ± 300µl
2	WD	3.0ml	3.0ml ± 300µl
3	RS	3.2ml	3.0ml ± 300µl
4	DP2	3.1ml	3.0ml ± 300µl
5	DP3	3.0ml	3.0ml ± 300µl

ACID & BASE DISPENSE CALIBRATION:
(10 replicates):

	Observed Value:	Acceptable Range:
Acid Pump:	3.0ml	3.0ml \pm 300 μ l
Base Pump:	3.0ml	3.0ml \pm 300 μ l

The Instrument is working satisfactorily.

Calibration done on: 03.12.2019

Calibration due on: 04.06.2020

Siemens Healthcare Pvt Ltd

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