

## **CALIBRATION CERTIFICATE**

This is to certify that ADVIA CENTAUR CP bearing Serial No: ROB30006116 installed at IMPULSE DIAGNOSTICS, HAILAKANDI ROAD, MEHERPUR, SILCHAR, ASSAM, has been calibrated on 17<sup>th</sup> August 2021.

The complete hardware calibration has been carried out for the best performance of the instrument as per the procedure. The following are the instrument calibration details.

### **System Software – Ver. 6.2**

#### **Temperature**

<b>Module</b>	<b>Result (°C)</b>	<b>Range (°C)</b>	<b>Status</b>
<b>Cuvette Ring</b>	<b>37.1</b>	<b>36 – 38</b>	<b>Passed</b>
<b>Sample Environment</b>	<b>23.17</b>	<b>18 – 30</b>	<b>Passed</b>
<b>Reagent</b>	<b>9.4</b>	<b>8 – 11.3</b>	<b>Passed</b>

#### **Luminometer**

Luminometer High Voltage ON – 1000 V

High Voltage OFF – 6V

Dark Counts without Cuvettes

<b>Position</b>	<b>Result (RLU)</b>	<b>Range (RLU)</b>	<b>Status</b>
<b>Pos # 1</b>	<b>33</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Pos # 2</b>	<b>33</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Pos # 3</b>	<b>43</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Pos # 4</b>	<b>30</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Pos # 5</b>	<b>46</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Pos # 6</b>	<b>30</b>	<b>0 – 300</b>	<b>Passed</b>
<b>Average</b>	<b>35</b>	<b>0 – 300</b>	<b>Passed</b>

#### **Sample Probe Pressure Sensor Calibration**

Sample Air pump = 29.0 % (The acceptable range is 25% to 40%)

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### Reagent Probe Sensor Test

Medium	Result (Voltage)	Range (Voltage)	Status
With Water	0.9671	0.85 – 1.05	Passed
With Air	3.4755	3.20 – 4.20	Passed

The instrument is working satisfactory as per above parameter calibrations. The next calibration due is on 16-02-2022.

### Siemens Healthcare Private Limited

*Kamal Kumar Baishya*

**Kamal Kr. Baishya**

Manager: Customer Service

Silchar, Assam

17<sup>th</sup> August 2021.

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