



**Beckman Coulter India Pvt. Ltd.  
3<sup>rd</sup> floor, B-wing,  
Art Guild House  
Phoenix Market City  
LBS Road, Kurla (W)  
Mumbai- 400 070  
Ph: 022 30805000**

Date: 09<sup>th</sup> May 2022

### **Calibration Certificate**

Analyzer Model: Beckman coulter Access 2  
Instrument Serial no. 507429  
Installed at: Arpan Diagnostic Centre  
Calibrated on: 09/05/2022  
Next calibration due: 08/05/2023

We hereby confirm that Beckman Coulter Access 2 has been successfully calibrated and passed All quality check and is working in good condition.

For, Beckman Coulter India Pvt. Ltd.

A handwritten signature in black ink, appearing to read 'S. Panchal', written in a cursive style.

Sandeep Panchal  
Customer Support Engineer



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## Calibration Certificate

Date: 09<sup>th</sup> May 2022

This is to certify that Access2 (SR. NO. 507429) installed at Arpan Diagnostic Centre, Rajkot is calibrated as per the recommended procedures. Run System Check, All Results are ok.

The system parameters as mentioned below were verified and necessary calibrations done as applicable.

### System temperatures

| Temperature Sensor | Temperature (°C) | Operating range (°C) |
|--------------------|------------------|----------------------|
| Reagent Storage    | 3.12             | 2.00 to 5.00         |
| Incubator          | 36.43            | 36.13 to 36.73       |
| Wash Carousel      | 36.42            | 36.23 to 36.63       |
| Substrate          | 36.45            | 36.23 to 36.63       |

### Power Supply Units

| Power Supply | Measured ( V) | Tolerances (V) |
|--------------|---------------|----------------|
| +24V         | 24.08         | 1.2V           |
| +12V         | 12.09         | 0.4V           |
| +5V          | 4.97          | 0.2V           |
| -5.2V        | -5.25         | N.A.           |
| -12V         | -11.97        | 0.4V           |

All the parameters are within the specified Limits.

For Beckman Coulter India Pvt. Ltd.

Sandeep Panchal  
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## Performance Tests

### System Check

|                         | Value | Status | Limit      |
|-------------------------|-------|--------|------------|
| Wash Efficiency         | 0.11  | Pass   | -1.00-1.00 |
| Substrate Ration        | 0.99  | Pass   | 0.00-1.25  |
| Substrate: Washed Ratio | 0.88  | Pass   | 0.00-1.40  |

| System Check | Mean       | Status | Limit            | SD       | %CV  | Status | Limits     |
|--------------|------------|--------|------------------|----------|------|--------|------------|
| Washed       | 9089.38    | Pass   | 5000-20000       | 283.79   | 3.12 | Pass   | 0.00-12.00 |
| Clean        | 7799.73    | Pass   |                  | 42.15    | 0.54 | Pass   |            |
| Substrate    | 8000.99    | Pass   | 5000-9000        | 109.11   | 1.36 | Pass   | 0.00-5.00  |
| Unwashed     | 6388257.00 | Pass   | 4000000-10000000 | 48114.86 | 0.75 | Pass   | 0.00-2.00  |

The equipment is certified to be in good working condition and is ready for the intended use.

For Beckman Coulter India Pvt. Ltd.

Sandeep Panchal  
Customer Support Engineer