

| <b><u>CALIBRATION CERTIFICATE</u></b>          |  |                               |            |
|--|--|-------------------------------|------------|
| <b>Customer Name</b>                           | <i>NU Hospital, Ambur</i>                                  |                               |            |
| <b>Department</b>                              | DEPARTMENT OF LABORATORY MEDICINE- KM NU HOSPITAL<br>AMBUR |                               |            |
| <b>Address</b>                                 | AMBUR, TAMILNADU   |                               |            |
| <b>Factory Manufacturer Calibration Record</b> |  | <b>Next Calibration Date</b>  | 19-09-2021 |
| <b>Instrument</b>                              | BC-5000 Auto Hematology Analyzer                           | <b>Date of Calibration</b>    | 20-09-2020 |
| <b>Serial Number</b>                           | SS-99006425  | <b>Calibrator Lot Number</b>  | PLUS0921   |
|  |  | <b>Calibrator Expiry date</b> | 13-10-2020 |

| <b>Calibration Values</b> | <b><u>Parameter</u></b>  | <b><u>Target</u></b> | <b><u>Range</u></b> | <b><u>Mean of Measured Values</u></b> | <b><u>Current Factor</u></b> | <b><u>Old Factor or</u></b> |
|---------------------------|--------------------------|----------------------|---------------------|---------------------------------------|------------------------------|-----------------------------|
|                           | WBC x 10 <sup>9</sup> /L | 9.45                 | 9.25-9.65           | 8.62                                  | 111.6                        | 103.56                      |
| RBC x 10 <sup>12</sup> /L | 4.36                     | 4.28-4.44            | 4.21                | 107.65                                | 108.61                       |                             |
| HGB g/dL                  | 12.7                     | 12.5-12.9            | 11.6                | 113.39                                | 113.45                       |                             |
| MCV fl                    | 88.0                     | 86.0-90.0            | 88.14               | 99.98                                 | 99.74                        |                             |
| PLT x 10 <sup>9</sup> /L  | 251                      | 239-263              | 240                 | 111.65                                | 100.18                       |                             |

This is to certify that the Mindray BC-5000 Hematology Analyzer with Serial No: SS-99006425 installed at NU Hospital, Ambur has been calibrated using the standard reference material SC CAL PLUS0921 Calibrator. Traceability of SC CAL PLUS Calibrator from the manufacturer is attached along with the calibration certificate.



Date: 20-09-2020

Application Specialist-IVD  
Mindray Medical India Pvt.Ltd