

Calibration / Validation Certificate of  
**TEMPERATURE CONTROLLER  
 (KIT REAGENT REFRIGERATOR)**

Certificate No.:

CAL/09/1801/24

Date:

21.09.2024

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|  |   |
|--|---|
| Name of customer:                          | <b>NIDAN PATHOLOGY &amp; RESEARCH CENTRE</b><br>Near Anta Chauraha, Shahjahanpur (U.P)  |
| Name of instruments:                       | Kit Reagent Refrigerator (2°C to 6°C),  |
| Item to be calibrated :                    | Temperature Controller  |
| Identification no. :                       | Sr. No. 2014-2020   |
| Make & model :                             | AR Engineering & Services / ABR-300X  |
| Range & accuracy :                         | 2° C To 6 °C  |
| Date of calibration :                      | 21.09.2024  |
| Next calibration due on :                  | 20.09.2025  |
| Standard equipment's used for calibration: | Digital temperature calibrator, make - selec, temp. Range (-) 100 to 750 deg c, l. C: 0.1deg, Id-Se-06 calibrated by Acumen Measurements & Consultancy Pvt. Ltd. , New Delhi, <b>NABL</b> accredited lab, vide Certificate no. AMC/240020/02, Next valid up to 11.01.2025 |
| Environment condition :                    | Temperature : 25°C±2°C, Humidity : 50%±5%   |

**OBSERVATION: PARAMETER: TEMPERATURE**

| Measured value on UUC (A) Deg C | *Indicated value on Standard (B) Deg C | Deviation (A~B) Deg C |
|---------------------------------|--|-----------------------|
| 3.8                             | 3.5                                    | 0.3                   |
| 3.7                             | 3.9                                    | 0.2                   |
| 4.1                             | 4.3                                    | 0.2                   |
| 4.0                             | 3.9                                    | 0.1                   |
| 4.0                             | 4.2                                    | 0.2                   |

Remarks:

The results shown as above.  
 Calibration as per IEC/ISO/IS:17025:2005(E)

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a unit of pk rai group

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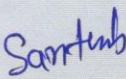
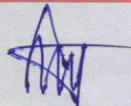
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ISO 13485:2016

ISO 9001:2015



|   |   |
|---|---|
| Calibrated By :   | Checked by :  |
|  |  |

1. The Calibration results in this certificate are valid at the time of and under the state conditions of measurements.
2. This report should be reproduced expert in full without prior permission in writing.
3. This certificate related only to the item calibrated.

# Calibration / Validation Certificate of

**R P M  
(CENTRIFUGE)**



Certificate No.:

CAL/09/1802/24

Date:

21.09.2024

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|   |   |
|---|---|
| Name of customer :                          | <b>NIDAN PATHOLOGY &amp; RESEARCH CENTRE</b><br>Near Anta Chauraha, Shahjahanpur (U.P)  |
| Name of Instrument :                        | Centrifuge  |
| Item to be calibrated :                     | RPM   |
| Identification no. :                        | Sr. No. ZFDN13680   |
| Make & Model :                              | REMI / R 8C PLUS  |
| Range & Accuracy :                          | 100 to 3800 RPM   |
| Date of calibration :                       | 21.09.2024  |
| Next calibration due on :                   | 20.09.2025  |
| Standard equipment's used for calibration : | Digital Tachometer, ID-SE-03, Rang 0 to 99,999 rpm, and LC: 0.1RPM, Calibrated by Acumen Measurements & Consultancy Pvt. Ltd. , New Delhi, <b>NABL</b> accredited lab, vide certificate no. AMC/240020/05, Next valid up to 11.01.2025. |
| Environment Condition                       | Temp. : 25°C±2°C, Humidity : 50%±5%   |

### OBSERVATION: PARAMETER: RPM

| *Indicated value on Standard RPM (B) | Measured value on UUC RPM (A) | DEVIATION RPM (A~B) |
|--------------------------------------|-------------------------------|---------------------|
| 1000                                 | 1000                          | 0                   |
| 1800                                 | 1800                          | 0                   |
| 2500                                 | 2500                          | 0                   |
| 3001                                 | 3000                          | 1                   |
| 3499                                 | 3500                          | 1                   |

Remarks The results shown as above.  
Calibration as per IEC/ISO/IS:17025:2005(E)

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| Calibrated By : | Checked by :       |
| <i>Santosh</i>  | <i>[Signature]</i> |

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# Calibration / Validation Certificate of

**R P M  
(CENTRIFUGE)**



Certificate No.:

CAL/09/1803/24

Date:

21.09.2024

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|   |  |
|---|--|
| Name of customer :                          | <b>NIDAN PATHOLOGY &amp; RESEARCH CENTRE</b><br>Near Anta Chauraha, Shahjahanpur (U.P)   |
| Name of Instrument :                        | Centrifuge   |
| Item to be calibrated :                     | RPM  |
| Identification no. :                        | Sr. No. ZFCN06812  |
| Make & Model :                              | REMI / R 8C PLUS   |
| Range & Accuracy :                          | 100 to 3800 RPM  |
| Date of calibration :                       | 21.09.2024   |
| Next calibration due on :                   | 20.09.2025   |
| Standard equipment's used for calibration : | Digital Tachometer, ID-SE-03, Rang 0 to 99,999 rpm, and LC: 0.1RPM, Calibrated by Acumen Measurements & Consultancy Pvt. Ltd. , New Delhi, [NABL] accredited lab, vide certificate no. AMC/240020/05, Next valid up to 11.01.2025. |
| Environment Condition                       | Temp. : 25°C±2°C, Humidity : 50%±5%  |

### OBSERVATION: PARAMETER: RPM

| *Indicated value on Standard RPM (B) | Measured value on UUC RPM (A) | DEVIATION RPM (A~B) |
|--------------------------------------|-------------------------------|---------------------|
| 1000                                 | 1000                          | 0                   |
| 1800                                 | 1800                          | 0                   |
| 2500                                 | 2500                          | 0                   |
| 3299                                 | 3300                          | 1                   |
| 3499                                 | 3500                          | 1                   |

Remarks The results shown as above.  
Calibration as per IEC/ISO/IS:17025:2005(E)

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| <i>Santosh</i>  | <i>[Signature]</i> |

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Calibration / Validation Certificate of  
**TEMPERATURE CONTROLLER  
 DEEP FREEZER (-20°C)**

Certificate No.:

CAL/09/1804/24

Date:

21.09.2024

Page:

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|   |   |
|---|---|
| Name of customer :                          | <b>NIDAN PATHOLOGY &amp; RESEARCH CENTRE</b><br>Near Anta Chauraha, Shahjahanpur (U.P)  |
| Name of Instrument :                        | Deep Freezer -40°C  |
| Item to be calibrated :                     | Temperature Controller  |
| Identification no. :                        | Sr. No. CHFSD100D17AD000280   |
| Make & Model :                              | BLUE STAR / CHFSD100D   |
| Range & Accuracy :                          | -20°C   |
| Date of calibration :                       | 21.09.2024  |
| Next calibration due on :                   | 20.09.2025  |
| Standard equipment's used for calibration : | Digital temperature calibrator, make - selec, temp. Range (-) 100 to 750 deg c, l. C: 0.1deg, Id-Se-06 calibrated by Acumen Measurements & Consultancy Pvt. Ltd. , New Delhi, <b>NABL</b> accredited lab, vide Certificate no. AMC/240020/02, Next valid up to 11.01.2025 |
| Environment Condition                       | Temp. : 25°C±2°C, Humidity : 50%±5%   |

**OBSERVATION: PARAMETER: TEMPERATURE**

| Measured value on UUC Deg C (A) | *Indicated value on Standard Deg C (B) | Deviation Deg C (A~B) |
|---------------------------------|--|-----------------------|
| -20.5                           | -20.3                                  | 0.2                   |
| -20.4                           | -20.3                                  | 0.1                   |
| -20.3                           | -20.2                                  | 0.1                   |
| -20.0                           | -19.8                                  | 0.2                   |
| -19.5                           | -19.4                                  | 0.1                   |

Remarks

The results showed as above.  
 Calibration as per IEC/ISO/IS:17025:2005(E)

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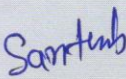
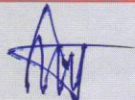
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