

Feel Free to Call us: 1800 425 1316

INDORE : 0731 6633111 | BANGALURU: 08028437933 | CHENNAI: 044-26263962/
43500217 | ERODE: 0424 2268969 | KARUR: 04324 235071 | MADURAI 04523026302 |
METTUPALAYAM: 04254222428 | PALANI: 04545251525 | PALAYAMKOTTAI:
04623242121/ 04623242121 | POLIACHI: 04259220859 | PONDICHERRY : 0413
2220005 | SALEM: 0427 4262775/ 0427 2336744 | SIVAKASI: 04562 276498 |
THANJAVUR: 04362 230556 | THIRUVARUR: 04366 244101 | TIRUPUR: 0421 2242266 |
TRICHY: 0431 2760151/ 0431 2763318 | TRIVANDRUM: 0471 3248463 COLLECTION
CENTERS: VADAVALLI: 0422 4342018 | CURA: 0422 4369223 | RAJALAKSHMI NAGAR:
0422 2598049

Microbiological Laboratory



12A, Cowley Brown Road (E), R.S Puram, Coimbatore - 02
0422 2540525/2556628/2550673/4354242/2541316
microlab:be@microlabindia.com
www.microlabindia.com

CERTIFICATE OF CALIBRATION - CENTRIFUGE

| | |
|----------------------|--------------------|
| Centrifuge Model No | CF 811 |
| Location | Tirunelveli Branch |
| Instrument Serial No | 9480 |
| Brand / Company Name | Greiner Bio One |
| Range | 5000 RPM |
| Date of Calibration | April 2021 |
| Due date | April 2022 |

| | | | |
|------------------|-------|----------|----|
| Room Temperature | 26 °C | Humidity | 50 |
|------------------|-------|----------|----|

| Name of the Standard Equipment Used | Model | Serial No | Calibrated on | Due date | Certified By | Certificate No |
|-------------------------------------|--------|-----------|---------------|------------|---------------------|-----------------------|
| Digital Optical Tachometer | HTM560 | 16-1141 | 07/12/2020 | 06/12/2021 | Perfect calibration | PC-12-20/ATL/3047A-03 |

| S.No | Centrifuge Speed (RPM) | Acceptable Speed Range | | Tachometer Reading (RPM) | Overall Calibration Status | | Remarks |
|------|------------------------|------------------------|------|--------------------------|----------------------------|------|---------|
| | | | | | PASS | FAIL | |
| 1 | 1500 | 1425 | 1575 | 1485 | ✓ | | |
| 2 | 3000 | 2850 | 3150 | 2980 | ✓ | | |
| 3 | 4500 | 4275 | 4725 | 4490 | ✓ | | |

Rotation Speed Criteria: Acceptable difference must be within $\pm 5\%$ of required rotation rate.

| Name of the Standard Equipment Used | Model | Serial No | Calibrated on | Due date |
|-------------------------------------|--------|-----------|---------------|------------|
| Reference Timer | SW-306 | - | 03/12/2020 | 02/12/2021 |

| S.No | Centrifuge Time Setting | Acceptable Time Range | | Reference Timer Setting | Overall Calibration Status | | Remarks |
|------|-------------------------|-----------------------|--------------|-------------------------|----------------------------|------|---------|
| | | Minutes | Minutes | | PASS | FAIL | |
| 1 | 3 | 2Mins:51Secs | 3Mins:09Secs | 2Mins:58Secs | ✓ | | |
| 2 | 5 | 4Mins:45 Secs | 5Mins:15Secs | 4Mins:54Secs | ✓ | | |

Timer Criteria: Acceptable difference must be within $\pm 5\%$ of timer setting.

Calibration done by: *K. Nidhi*

Calibration report verified by: *P. Princy*



*This calibration was performed gravimetrically using equipment that is traceable through NIST to the International System of Units (SI). Testing methodology is compliant with ISO 8655. This calibration certificate applies only to the item described and shall not be reproduced other than in full. Microbiological Laboratory is accredited to ISO/IEC 15189:2013 for Quality Management System and continuously monitors its effectiveness. Ref: ISO 8655-1:2002 manual