|  |  |  |  |
| --- | --- | --- | --- |
| **PROTECH**  ***(Progressive Technology)***      Ref: PRT: |  |  | **Phone:040-23792777**  **040-23792888**  **040-23792836** |
| **Redg. Office:**  **Plot No: 46, Road No. 76**  **Jubilee Hillls,**  **Hyderabad- 500096, India**  **E-mail: info@protech-india.com**  **Website: www.prtech-india.com**  **(An ISO 9001-2015 company)** | |

**CALIBRATION CERTIFICATE**

|  |  |  |
| --- | --- | --- |
| **CUSTOMER NAME & ADDRESS:**  **M/s. PALAMURU BIOSCIENCES PRIVATE LIMITED**  Bhoothpur Mandal Madigatla Village  Mahabubnagar -509219 |  |  |
|  |  |
|  |  |
|  |  |
| **INSTRUMENT DESCRIPTION**  Make : Protech Humidity & Temperature Monitor  Model : PT-Env48  SI. No : BAS-HM-62  Range : 0 to 100° C &30- 90RH%  ID No : LE 881 |  |  |
| **Reference No** | PRT:8003/2020-2021 |
| **Date of Calibration** | 04.08.2021 |
| **Recommended Due Date** | 03.08.2022 |
| **Environmental condition** | Temperature : 0 -100 0 C |
| Relative Humidity : 30-90% |
| **Instrument Condition** | Good |

|  |  |
| --- | --- |
| **Standard / Calibration Used** | **Traceable to** |
| Protech Digital  RH & Temp.Module  (S.No.BAS-HM-A-01) | National Standards  Cert No: PPT/DTI/01  Due Date: 09.02.2022 |

The Calibration used is traceable to national standards

**CALIBRATION RESULTS**

**TEMPERATURE (°C)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **SL.No** | **Standard Readings** | **UUC Readings** | **Deviation** | **Max Error** |
| 1 | 15.2 | 15.1 | -0.1 | ±0.3°C |
| 2 | 25.1 | 25.0 | -0.1 | ±0.3°C |
| 3 | 55.3 | 55.5 | +0.2 | ±0.3°C |
| 4 | 97.2 | 97.1 | -0.1 | ±0.3°C |

**HUMIDITY (RH %)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl.No** | **Standard Readings** | **UUC Readings** | **Deviations** | **Max Error** |
| 1 | 95 | 92 | -3 | ±5% |
| 2 | 63 | 61 | -2 | ±5% |
| 3 | 43 | 46 | +3 | ±5% |
| 4 | 73 | 72 | -1 | ±5% |

**Remarks**: *All Parameters are well within the acceptable*

Calibrated by

Date: 04.08.2021