



RELIABLE TECHNICAL SERVICES

(Division of Reliable Technocare Pvt. Ltd.)

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CALIBRATION CERTIFICATE

1. CUSTOMER :-	Page No.	:- 1 of 1
M/S. LTMMC & GH, Department of Microbiology	NABL Accreditation No.	:- CC-2927
Sion, Mumbai-400 022.	Certificate No.	:- 22.09.08.007
Temperature(°C) :- 22.5	Date of Received	:- 08.09.2022
Relative Humidity (%RH) :- 54	Date of Calibration	:- 08.09.2022
Location of calibration :- In lab	Next Calibration Due On	:- 07.09.2023
Condition of Item :- OK	Calibration method No.	:- RTS-WI-06
	Date of Issue	:- 10.09.2022
	ULR No.	:- CC292722000007513F

2. Description of Item

Name :- Tachometer	Range	:- 2.5 to 99999 RPM
Sr No :- LTMGH/Micro/HIV/DRL/TACH/01	Least Count	:- 0.1/1 RPM
Make/Model :- Mextech/DT-2234C		
Type :- Digital		

3. Details of Equipment used for calibration

Name :- DIG. TACHOMETER
Certificate No. :- HT/CC/211001-01/001
Certified By :- HI TECH
ID/Sr. No. :- RTS-RPM-03
Range :- 1 to 99999 RPM
Uncertainty :- ± 3.36 RPM
Calibration Validity :- 03.10.2022

Discipline :- Mechanical Calibration **Group** Acceleration, Speed & Acoustics-Speed

4. Calibration Results

Calibration Points	Standard Reading	UUC Reading	Error in	Expanded Uncertainty in±
RPM	RPM	RPM	RPM	RPM
1500	1502	1503	1	5.1
2000	2004	2008	4	5.1
2500	2508	2514	6	5.1
3000	3009	3018	9	5.1

Note:

- The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor $k=2$, which corresponds to a coverage probability of approximately 95% for normal distribution
- This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- Calibration point were selected as per customer specifications.
- This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Reliable Technical Services, Pune".
- The Standard used are traceable to National / International Standard.
- Conformity with requirements :-

Calibrated By

Vilas Sagat
Calibration Engineer
Vilas Sagat



Approved By

R. Sable
Technical Manager
RAHUL SABLE