

CALIBRATION CERTIFICATE

Format No.: QSP-012/F06-00

Name & Address of Customer:		Certificate No. :	HTL/23-24//302-0003	
ICTC LAB AREA HOSPITAL Devarakonda, Nalgonda Dist, Telanagana.		Page No. :	1 of 1	
		Place of Calibration :	Site	
		ULR No. :	CC309323000004173F	
Condition of UUC (At the time of receipt) Satisfactory	Equipment Receipt Date 23/11/2023	Date of Calibration 23/11/2023	Suggested Next Due 22/11/2024	Certificate Issue Date 25/11/2023

Details of Unit Under Calibration:

Instrument Name :	Rotary Shaker			
Make :	REMI			
Model :	RS-12			
Sr. No. :	ZEKS-36646	Range :	80 to 180 rpm	
Id. No. :	ICTC/RS/01	Resolution :	10 rpm	

Details of Reference Standard:

Nomenclature of Standard	Lab Id. No. / Sr. No.	Certificate No.	Calibration Due
Digital Tachometer	HTL-ME-007	SL2301PL0034-001	08/02/2024


Environmental Condition: Temperature: 23.5 °C, Relative Humidity: 57 %RH.

Calibration Procedure: SCP/R01 **Discipline:** Mechanical

Results of Calibration:		Unit of Measurement: RPM			
Sr. No.	Set RPM	STD Reading (RPM)	UUC Reading (RPM)	Error (RPM)	Expanded Uncertainty(±rpm)
	A	B	C	(C-B)	
1	80	80.2	80	-0.2	1.71
2	100	100.3	100	-0.3	2.68
3	150	150.4	150	-0.4	2.68
4	180	180.4	180	-0.4	2.68

Remarks:

- a) The Standard used for calibration traceable to National/International standards through unbroken chain of Accredited Laboratories.
- b) The reported expanded uncertainty of measurement is stated at a confidence level of approximately 95% with coverage factor k=2
- c) Certificate shall not be reproduced, except in full, without the written approval of Horizon Techno Labs.
- d) Any corrections / modifications in the certificate should be brought to our knowledge within 30days from the date of issue of the certificate.
- e) This certificate refers to the values obtained at the time of calibration and under the stated conditions.
- f) The results stated in this certificate relate only to the item stated above.


Calibrated By
Jaya Chandra
 Calibration Engineer


Certificate Approved By
N. Ramesh
 Director-Operations

End of Certificate

