



ASIAN TECHNOLOGY

(A HOUSE OF CALIBRATION)



CALIBRATION CERTIFICATE

Customer name And Address	M/S: Shri Mata Sheetla Devi Swarna Jayanti Diagnostic Centre, Hindlabs HLL Lifecare Limited. MCG Engg. Office Building, Sector- 39, Jharsa, Gurugram-122003, Haryana, INDIA.	Service request No. & date	P/04/16/03/22&16/03/2022
		ULR no.	CC223922000001309F
		Cert. No.	AT/22000001309
		Date of Receipt of DUC	16/03/2022
		Date of calibration	16/03/2022
		Date of issue	17/03/2022
		Suggested due date	15/03/2023

Instrument Details

Instrument name	Orbital Shaker	S.No.	ZEKS-36658
Make /Model No	Remi/RS-12R	Location	-----
Range / Size	08 to 180 rpm	Accuracy	-----
Least Count	5 rpm	Visual Inspection	OK
I.D. No.	HLL/HR55/GGN/MIX/01		

Detail of reference standards & Major equipments used

Equipment Name	Digital Hand Tachometer		
Make	LT Lutron		
Model / SR No.	A.C92792		
Certificate No.	QCTS/000229/10		
Calibration Validity	21/10/2022		
Calibration by	Quality Calibration Testing Solutions		

Environmental Condition	Temperature	20±2°C	Calibration Reference	IS: 12508
	Relative Humidity	50±10 %	Calibration Procedure	CP-37

Calibration Results

Serial No.	Standard value in (rpm)	Measured value in (rpm)	Uncertainty At 95% C.L. (coverage factor K=2)
01.	41.8	40	±0.20 %rdg
02.	49.2	50	
03.	98.7	100	
04.	118.2	120	
05.	175.9	180	

Remarks:

- ❖ (1) Standard equipment use for calibration are traceable to national/ international standards.
- ❖ (2) The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by coverage factor k = 2 such that the coverage probability corresponds to approximately 95%. (3) The above results are valid at the time of and under the stated conditions measurement. (4) This certificate is refers only to the particular item submitted for calibration. (5) Next calibration due date given as requested by the customer.

Calibrated By
(Calibration Engg./TM)
(MANIPAL)
Form No.-QF-47



Approved By
(QM/TM)
(NEERAJ TYAGI)
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---End of Report---