



**CALIBRATION CERTIFICATE**

(Form No. HTLS/QF/7 B.1/01 (Amendment No. 00 Dated 1st January 2020))

<b>Mechanical Calibration</b>	<b>Certificate Issue Date:</b>	<b>10.02.2020</b>
-------------------------------	--------------------------------	-------------------

Certificate No	Recived On	Received	Calibration On	Calibration Due	Page No.
HTLS/20/BH/129.01	08.02.2020	Working	08.02.2020	07.02.2021 <small>(As per customer requirements)</small>	1 of 1

- 1) a. **Calibrated for:**  
M/s Bansal Hospital.,  
C-Sector, Shahpura,  
Bhopal - 462016,
- b. **Name of Equipment /Instrument :**  
VDRL Shaker (Rotary Shaker)
- c. **Calibration Location:** At

2) **Description & Identification of Equipments / Instruments Under Calibrations (EUC\*):**

Manufactured by	Type	Serial No.	Identification No.
REMI	RS-12	JYOM-1525	---
Range	Range	Declared Accuracy	Location
Max . 60 min	5 min	As per Manufactures Specification	---

3) **Standards/ Calibrator & Measuring Equipments Used :**

Standards Used	Make	Sr.No./I.D.N	Traceability Certificate No.	Validity
Digital Stop Watch	Racer	SW 484 / HTLS/EQ/SW/0	CAL/19-20/CC/3378 CC224819000004979F	12.11.2020
Digital Tachometer (Non Contact )	Lutom / DT 1236L	1.235100 / HTLS/TM/02	CC287919000009740F	01.12.2020

The Standards used for calibration were calibrated by using reference standard traceable to National Standard.

4) **Principle /Methodology of Calibration & Procedure :**

Methodology adopted for Calibration is as per HTLS Procedure NO.HTLS/CP/DM -05 ,Calibration carried out with the help of the Tachometer Digital Timer . Direct Measurement & Calibration.

5) **Calibration Results:**

**Electronic Counter**

Sl. No.	Parameter Checked	Specified Indicated Value	Actual Value
a.	Speed or rotation of pan	Variable Speed	Ok

Sl. No.	EUC Value in min	Standard Value (Average) min.sec.1/100sec	Deviation min.sec..1/100sec	Expended Uncertainty ( ± ) on sec
a.	1	01.00.10	-0.00.10	2.0
b.	5	05.00.15	-0.00.15	
c.	10	10.00.26	-0.00.26	
d.	20	20.00.27	-0.00.27	

Expended Uncertainty (at approx 95% confidence level with K=2) .

- 6) **Environmental Condition's :** a) Temperature: 25±2°C b) Humid 50±20%

7) **Calibration Status & Remark :**

- a. A Calibration Sticker has been affixed on EUC\*.  
b. The VDRL Shaker has been calibrated and status report has been given.  
c. Refer to report before use.

<b>Calibrated by:</b> SANJAY BARPETE Calibration Engineer	
---	--

<b>Approved by :</b> SANJAY BAIS Quality Manager	
--	--

