



## CERTIFICATE OF CALIBRATION

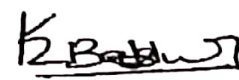
TSPL-FR-052

Certificate No	CAL-MZ-2021-03-0177	Wo No	CAL-MZ-2021-03-0177	
Issue Date	30-09-2021	Page No	1 of 2	
<b>Issued By</b>				
Laboratory	Trimed Solutions (I) Private Limited			
Address	2nd Floor, Jyothi Elegance, Kavuri Hills, Phase-III, Madhapur, Hyderabad-500081.			
<b>Customer Details</b>				
Hospital	Civil Hospital, Lunglei			
Address	Lunglei			
<b>Medical Equipment Details</b>				
ME Number	MZZ1LUNGH0090135	Manufacturer	Eltek	
ME Name	Centrifuges, Tabletop(Centrifuge)	Model	TC 450 a	
Department	Microbiology	Serial No	BFM 1938	
Range	Upto 5250 RPM	Resolution	0.1	
Calibrated at	On Site	Condition of ME	Visually Good	
Date of Calibration	11-09-2021	Recommended Calibration Due	10-09-2022	
<b>Details of Master Equipment used for Calibration</b>				
No	Description	Equipment ID/ Serial No.	Certificate No.	Calibration Validity
1	Digital Tachometer	TRI-TE-0058	RKL/20/L0009-01	05-11-2021
<b>Environmental Conditions</b>				
Parameters		Actual Value	Limits	
Temperature in °C		21	22 ± 2	
Relative Humidity in % Rh		48	35 – 65	
<b>Calibration Standards</b>				
Applicable Specification			IEC 60601-2-30:2009	
Calibration Procedure Followed			TSPL-CAL-14	

**Registered Address :1-1/25A-1, Ganapathpalayam, Mohan Nagar (PO)Selam636030**

**Laboratory Address: 2nd Floor, Jyothi Elegance, Kavuri Hills, Phase-III, Madhapur, Hyderabad-500081.**



Performance Test Results										
No	Parameters	Unit	Set Value	Measured Values			Mean	Tolerance	Error	Uncertainty (±)
				1	2	3				
1	Rotational Speed	RPM	500	500.4	500.8	500.2	500.5	±5RPM	-0.5	2.60%
2	Rotational Speed	RPM	1000	1000.2	1000.3	1000.5	1000.3	±5RPM	-0.4	2.60%
3	Rotational Speed	RPM	2000	2001.3	2001.5	2001.7	2001.5	±5RPM	-1.5	2.60%
4	Rotational Speed	RPM	3000	3001.4	3001.1	3001.6	3001.4	±5RPM	-1.4	2.60%
5	Rotational Speed	RPM	4500	4502.2	4502.1	4501.4	4501.9	±5RPM	-1.9	2.60%
<p>The reported Uncertainty is based on coverage factor of k=2 in accordance with the guide to the expression of Uncertainty in measurement, providing a level of confidence of approximately 95%.The results Indicates with * are out of Tolerance Limit (if applicable).</p>										
<p><b>Conditions of issue of report</b></p> <ol style="list-style-type: none"> <li>1 The standards used are traceable to National and International Standards.</li> <li>2 Results reported are valid at the time of &amp; under the stated condition of the measurements.</li> <li>3 This certificate refers only to the items calibrated.</li> <li>4 Any error in the certificate should be brought to our knowledge within 30 days from the date of the certificate.</li> <li>5 This calibration report should not be reproduced except in full without written approval from Trimed Solutions India Private Limited.</li> <li>6 Calibration Results status has been reported due to non availability of accuracy specifications.</li> <li>7 "NA" Marked as Not Available and "NS" Marked As not Specified.</li> </ol>										
<b>Calibration Status</b>			The Measured Values are within the specified limits							
<b>Performance Test</b>				Pass <input checked="" type="checkbox"/>				Fail <input type="checkbox"/>		
<b>End of Calibration Report</b>										
<b>CALIBRATED BY</b>										
George Biaksangzuala						<b>AUTHORISED SIGNATORY</b> Basil James				
Technical Service Engineer						Regional Manager				