



CALIBRATION CERTIFICATE: ML 300

Customer Name: Erode Diagnostic Laboratory		Model	: ML 300
Address: Erode		S.No	: 22-46185
		Date of Calib.,	: 17.05.2023
		Due date Calib.,	: 16.05.2024
Phone:	9489214880	Calibrated By	: Praveen .V

UPS Power Supply	Observed Reading	Remarks
Earth To Neutral (0 - 3V AC)	0VAC	Measured Voltages are within the specifications.
Earth to Phase (225 - 230VAC)	226VAC	
Phase to Neutral (225 - 230VAC)	225VAC	

Power Supply Voltages:		Measured Reading	Remarks
Voltages			
5V Dc	+/- 0.15V	4.96 VDC	No Adjustments required
12V Dc	+/- 0.25V	11.95VDC	
24V Dc	+/- 1.2V	24.1VDC	

Measuring Unit :		Expected Reading	Observed Reading	Remarks
	Lamp Voltage	11.8 V Dc	11.82	No adjustments
			Good/ No Good	Remarks
	Bellows		Good	
	Filterwheel motor		Good	Performance of the parts are in well within working specifications.
	Flowcell condition		OK	
	Lense check		OK	

Filters Check:				
Filters	Absorbance	Limits	Remarks	
	Measured			
340	20785	8000 - 280	Within limits	
405	10085	8000 - 280	Filters are in	
505	9834	8000 - 280	good condition.	
546	8974	8000 - 28000		
578	8654	8000 - 28000		
620	8984	8000 - 28000		

Temperature Unit :						
S. no.	Expected Temperature		Measured Temperature		Remarks	
1	37 deg. Celisius		114.9 ohm(37.25 deg., Celisius)			
Note : Wait for 30 minutes approximately						
Device Used: Calibrated PT 100 Sensor						
Aspiration Volume:						
	Set Vol.	Aspiration vo	Remarks			
	450ul	450ul	Aspiration Vol., are good.			
	500ul	495ul	Adjustments not required.			
	1000ul	1000ul				
	1500ul	1500ul				
<p>Comments :</p> <p>Instrument had been calibrated with calibrated multimeter and PT 100 sensor, whose tracbility certificates are attached with this report. Instrument is in working well within the specification.</p> <p>.....</p>						
Service Engineer signature:						

