

CALIBRATION CERTIFICATE		Page No	: 01 of 02	
		Temp	: 25±4 °C	
		Humidity	: 30-75 RH%	
CERTIFICATE NO: LDM/CAL/KDL/1222/CFG01		ULR.NO: ---	Date of Issue : 24.12.2022	
NAME AND ADDRESS OF THE CUSTOMER		Date of Receipt of item	: 23.12.2022	
M/s.Kumaran Diagnostical Laboratory Opp BDO Office, Near Police Station Omalar, Salem, Tamil Nadu 636455		Date of Calibration	: 23.12.2022	
		Suggested date of Calibration	: 22.12.2023	
		Ref. Documents	: As per Manufacturer specification	
		Cal. Procedure Ref. No.	: LDM-CP-MD23	
		Customer Ref No.	: Verbal	
DESCRIPTION OF DUC				
Name of the DUC	: Centrifuge	Receiving Condition of the DUC	: Good	
Make	: Eltek	Location	: Lab	
Model	: ---	Calibrated at	: Onsite	
Sl.no.	: CFC345	Range	: Multi	
ID No.	: ---	Resolution	: Multi	
DETAILS OF MASTER USED				
Standard Instrument Used	Make / Model	ID No. / Sl.No.	Traceable to / Certificate No.	Validity
Tachometer	Lutron / DT-2230	Q626186	1841122-M01	15-Nov-23
Electrical Safety Analyzer	Datrend /vPad Rugged 2	VRR20070452	2780622-E01	22-Jun-23
The Master are traceable to National / International standards.				
VISUAL INSPECTION				
SL.No.	Description	Remarks		
		Pass	Fail	
1	Device Clean and Decontaminated	√		
2	Physical damage	√		
3	Power Cord check	√		

*K. Nandhini*  
K. NANDHINI  
Calibration Engineer



*G. Venkatraman*  
VENKATRAMANAN G R  
Authorised Signatory

**Lub Dub Medical Technologies Pvt. Ltd.,**  
# 47,48 & 49 Murasoli Maran Street, Santhosh Nagar,  
Perungudi, Chennai - 600 096, India.



**For Technical Query :**  
Ph: +91 72999 57813,  
E-Mail: callab@lubdub.com



# EXQUISITE MEASUREMENT TECHNOLOGIES PRIVATE LIMITED

## CALIBRATION CERTIFICATE

<b>Certificate No.:</b> E241222-1-2	
<b>Name &amp; Address of the Customer</b> M/s.Kumaran Diagnostical Laboratory, Opp BDO Office,Near Police Station,Omalur, Salem ,TamilNadu-636455.	SRF No. : E241222-1 Received on : 24.12.2022 Date of Calibration : 24.12.2022 Recom. Due Date : 23.12.2023 Date of Issue : 24.12.2022

<b>Details of Test Instrument</b>			
Description	: Micropipette	Range	: 100 to 1000 µl
Make	: Erba	Operating Range	: --
Model No. / Type	: --	Resolution	: 5 µl
Serial No.	: PKS568576	Accuracy	: As per specification
ID No. / Asset No.	: --	Location	: --
Calibrated at	: Lab	Condition On Receipt	: Satisfactory
Work Instruction No.	: EMTPL/WI/MECH-14	Based on Standard	: ISO 8655-6 : 2002
Environmental Condition	: Temperature: 23±1.5 °C	Relative Humidity	: 50±10 %RH

<b>Details of Master Instrument</b>			
<b>Description</b>	<b>ID No.</b>	<b>Traceability</b>	<b>Valid till</b>
Electronic Semi Micro Balance	EMTPL-EWB-01	TVCSP 22/01/115-01	23.01.2023

The Masters are traceable to National/International Standard

### CALIBRATION DATA

#### MECHANICAL CALIBRATION (Volume)

Test Reading	Standard Reading	Deviation	Expanded Uncertainty (±)
µl	µl	µl	µl
100	99.74	-0.26	1.10
500	501.28	1.28	
1000	1004.87	4.87	

#### Remarks :

1. This certificate refers to the values for the above instrument at the time of calibration and under the above stated conditions.
2. The Calibration Certificate shall not be reproduced except in full without the written approval of EMTPL
3. The Reported Expanded Uncertainty is at 95.45% Confidence level, coverage factor k=2

Calibrated by : R.Sathish Kumar  
Sr.Calibration Engineer :

Authorised by : S.Prasanna  
Quality Manager

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\*\*\*\*\*End of Certificate\*\*\*\*\*





# EXQUISITE MEASUREMENT TECHNOLOGIES PRIVATE LIMITED

## CALIBRATION CERTIFICATE

Certificate No.:E241222-1-1	
Name & Address of the Customer M/s.Kumaran Diagnostical Laboratory, Opp BDO Office,Near Police Station,Omalur, Salem ,TamilNadu-636455.	SRF No. : E241222-1 Received on : 24.12.2022 Date of Calibration : 24.12.2022 Recom. Due Date : 23.12.2023 Date of Issue : 24.12.2022

<b>Details of Test Instrument</b>	
Description : Micropipette	Range : 5 to 50 µl
Make : Erba	Operating Range : --
Model No. / Type : --	Resolution : 0.5 µl
Serial No. : PJ566234	Accuracy : As per specification
ID No. / Asset No. : --	Location : --
Calibrated at : Lab	Condition On Receipt : Satisfactory
Work Instruction No. : EMTPL/WI/MECH-14	Based on Standard : ISO 8655-6 : 2002
Environmental Condition : Temperature: 23±1.5 °C	Relative Humidity : 50±10 %RH

<b>Details of Master Instrument</b>			
Description	ID No.	Traceability	Valid till
Electronic Semi Micro Balance	EMTPL-EWB-01	TVCSPL 22/01/115-01	23.01.2023

The Masters are traceable to National/International Standard

### CALIBRATION DATA MECHANICAL CALIBRATION (Volume)

Test Reading	Standard Reading	Deviation	Expanded Uncertainty (±)
µl	µl	µl	µl
10	9.94	-0.06	0.12
25	24.92	-0.08	
50	49.90	-0.10	

#### Remarks :

1. This certificate refers to the values for the above instrument at the time of calibration and under the above stated conditions.
2. The Calibration Certificate shall not be reproduced except in full without the written approval of EMTPL
3. The Reported Expanded Uncertainty is at 95.45% Confidence level., coverage factor k=2

Calibrated by : R. Sathish  
Sr. Calibration Engineer : R.Sathish Kumar

Authorised by : S. Prasanna  
Quality Manager : S.Prasanna

EMTPL/F/52 ; Rev-01

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\*\*\*\*\*End of Certificate\*\*\*\*\*