





CALIBRATION CERTIFICATE			
Certificate Number : MES/210811/C3			
Customer Details : WOMEN & CHILDREN'S HOSPITAL, MATTANCHERY.			
Date of Calibration : 11/08/2021			
Next Calibration Due : 10/08/2022		Date of Issue : 11/08/2021	
DETAILS OF DEVICE UNDER CALIBRATION(DUC)			
Nomenclature	: Micropipette	Serial No.	: -
Make / Model	: JAYNA	ID No.	: -
Equipment Condition	: Good	Resolution	: 1 μ L
Range	: 10-100 μ L	Location	: ICTC LAB
DETAILS OF MASTER EQUIPMENT USED			
Nomenclature	: Electronic Precision Balance	Range	: 0 – 210 gm
Make	: Boeco	Readability	: 0.01/0.1 mg
Model	: BBC-22	SerialNo.	: 27104178
Certificate No.	: MES/17012020/EB/C1	Calibration Due Date	: 14.01.2022
ENVIRONMENTAL CONDITIONS			
Temperature(°C)	Relative Humidity (%)	Atmospheric Pressure (mbar)	Water Temperature(°C)
27.1	56	1024	27.2
CALIBRATION RESULTS			
Discipline	Mechanical	Parameter	Volume
Sl no	Set volume	Actual volume	Expanded uncertainty
	μ l	μ l	$\pm \mu$ l
1	10	9.79	± 0.836
2	50	50.16	± 0.837
3	100	100.48	± 0.851
Notes:-			
<ul style="list-style-type: none"> • The results in this certificate are only related to DUC submitted calibration and valid at the time of calibration under stated condition of measurements • The measurement uncertainty is estimated at a confidence level of 95.45% with coverage factor k=2. • Results in this certificate shall not be reproduced except in full without the written approval of this centre. • Next calibration due date is mentioned as per customer requirement. • Calibration certificate issued for scientific or industrial purpose only. • Calibration is carried out as per ISO 8655-6 Guidelines; MES work procedure: MES/WP/VOLUME. 			
Calibrated by		Authorized Signatory	
 Prabin KP (Calibration Engineer)		 Binoj Thomas (Technical Manager)	
