




CALIBRATION CERTIFICATE

Certificate Number : MED/R/176		Date of issue: 29/Sep/23			
ULR No. CC353523000000176F		Job Order/ CRF No. : MED/R/176			
Calibration Date 28/Sep/23		Calibration Due 27/Sep/24			
CUSTOMER INFORMATION		UNIT UNDER CALIBRATION			
Name	Upgraded Govt Primary Health centre	Description	Micropipette		
Address	Gurusvareddiyur Erode	Range / Resolution	100-1000/ 0.1µl		
		Make	ThermoScientific		
		Model	E3		
		Serial No	RW17037		
		Identification No	ID-1		
Date of Receipt	27-Sep-23	Location	Lab		
ENVIRONMENTAL CONDITION		MASTER EQUIPMENT DETAILS			
Temperature	25 °C	Description	Electronic Weighing Balance		
Humidity	55 °C	Certificate No	CC214423000001642F		
Air Pressure	1010 mbar	Identification No	MEDEX-01		
		Calibration Due	31-04-2024		
		Traceability	National Standard		
CALIBRATION RESULTS					
Discipline: Mechanical - Volume					
SL No	Nominal Value (µl)	Measured Mean Value (µl)	Systematic Error (µl)	Maximum Permissible Systematic Error ± (µl)	Expanded Uncertainty (±) µl
1	100.0	100.127 @27°C	0.127	0.80	0.30
2	500.0	500.434 @27°C	0.434	4.00	0.55
3	1000.0	1001.110 @27°C	1.110	8.00	0.58
Random Error: 0.15 µl @ 100 µl		Maximum Permissible Random Error: ± 0.3µl			
Random Error: 0.26 µl @ 500 µl		Maximum Permissible Random Error: ± 1.5µl			
Random Error: 0.906 µl @ 1000 µl		Maximum Permissible Random Error: ± 3µl			
Note:					
1. The UUC is calibrated at Lab					
2. This calibration certificate relates only to the UUC supplied.					
3. Calibration certificate shall not be reproduced, except in full, without written approval of medex labtech solutions.					
4. Results reported are valid at the time and under stated environmental conditions of calibration.					
5. The uncertainty of measurement is expressed at 95.45% confidence level with coverage factor k=2					
6. This calibration certificate is issued for scientific or industrial purpose only.					
7. Error is evaluated as (Measured Value-Nominal Value).					
8. Unless Otherwise Specified the Measurement Data Reported is "As Found" -without any adjustment.					
9. Next calibration due as per customer's plan and requirement					
10. Decision Rule Required: Yes					
11. Decision Rule Statement: Pass <input checked="" type="checkbox"/> Fail <input type="checkbox"/>					
12. The Instrument is working with in the tolerance limit as per the Standard					
Calibrated by			Authorized By		
 VIPIN PR Calibration Engineer			 Jude Joseph Raj Quality Manager		
X/657/28, 2nd Floor, RP Tower, Opp. Chaldean Centre, Pallikulam Road, Thrissur, Kerala, India - 680001			 Email: sales@medexlabtech.com, service@medexlabtech.com Mob: +91 9037588562, 8113816000		