



CALIBRATION CERTIFICATE

EQUATION REF: 2022		Page 1 of 2	
REF No	EQUREF/202106	Date of Calibration	18 Jul 23
Certificate No	2023-24/EQN/2307160405	Revers. Due Date	18 Jul 24
U.E. No	CU27602XXXX016WAF		
Customer Details		Calibrated at	Lab
THE MEDICAL OFFICER		Date of Receipt	18 Jul 23
Govt Primary Health Centre		Certif. No Receipt	Satisfactory
Pappankulam, Tiruppur District		Date of Issue	22 Jul 23
Details of Test Instrument			
Description	Micropipette	Model	Europipette E1
Range	100 - 1000 µl	Serial No	85W12918
Least Count	1 µl	Identification No.	-
Make	Thermo Scientific	Accuracy	As Per Manual
Working range	-	Location	Lab
Details of Standard Used			
Name	Mass Comparator	Certificate No	2022-23/EQN/2206050401
		Valid upto	14 Sep 23
		Traceability	IQCN, Chennai
CP No	E2NCP/MS/03	Reference Standard	ISO 9000
Environmental Details	Temperature: 29.62°C	Relative Humidity	56.56% @ 23°C
MECHANICAL CALIBRATION (Volume)			
Calibration Results			
I. Lower Volume	100 µl	No. of Measurements:	10
100.271	100.432	100.422	100.711
100.221	100.251	100.472	99.991
100.442	100.501		
Mean Value	100.302	µl	
Error Limits(±)			
Systematic Error -	0.30	µl	0.30
Systematic Error +	0.30	%	0.30
Random Error -	0.15	µl	0.30
Random Error +	0.15	%	0.30
Measurement Uncertainty ±		0.3*	µl

Calibrated by
L. SALASUN
 (Calibration Engineer)



Authorised by
K. SUGANATHAN
 (TM)