

CALIBRATION CERTIFICATE

CUSTOMER : M/s. CHRISTY FRIEDGRAM INDUSTRY PRIVATE LIMITED, ADDRESS A-2,A-3,SIDCO INDUSTRIAL ESTATE, ANDIPALAYAM(PO), TIRUCHENGODE, NAMAKKAL 637214 LOCATION: CHEMICAL LAB	
UNIQUE LAB REPORT NUMBER : ULR- CC231726000000808F	DISCIPLINE : MECHANICAL CALIBRATION PARAMETER : VOLUME
NAME OF EQUIPMENT : MICROPIPETTE	RELEVANT : ISO 17025:2017 SECTION : Section 7.8.2 & 7.8.4
CERTIFICATE NUMBER : PCLCC260305706	DATE OF ISSUE : 05-03-2026
C.C.F NUMBER : PCL/25-26/00937	TEMPERATURE : 20.1 °C
DATE OF RECEIPT : 02-03-2026	HUMIDITY : 72 %
JOB CARD NUMBER : PCL302032605706	AIR PRESSURE : 966 hpa
JOB CARD DATE : 02-03-2026	MEDIUM OF WEIGHING : GRADE III WATER
BRAND : BOROSIL	DENSITY OF MEDIUM : APPROXIMATELY 1
RANGE : 200 µl - Fixed Volume	DENSITY CORRECTION FACTOR [Z] : 1.0028 µl/mg
SERIAL NUMBER : MP-CH-06	WEIGHING BALANCE : SEMI MICRO BALANCE
TIPS USED : 200 µl	CALIBRATION PROCEDURE NUMBER : MSP 7.2.1.1-1
CALIBRATION LOCATION : AT LAB	CONDITION OF DUC : GOOD RECEIVED
METHOD OF CALIBRATION	Based on ISO 8655:2022 PART - 6 standards our calibration procedure : MSP 7.2.1.1-1 is applied for micropipette calibration.
SCOPE OF ACCREDITATION	: VOLUME - MICROPIPETTE (0.2 µl - 10000 µl)

DETAILS OF MASTER EQUIPMENTS USED FOR CALIBRATION

MASTER EQUIPMENT	SL.NO	CALIBRATED BY	CERTIFICATE NUMBER	EQUIPMENT CALIBRATION VALIDITY	TRACEABILITY
SHIMADZU -1	D316301053	PIPETTEMANN CALIBRATION LABORATORY LLP (MASS), COIMBATORE	PCLCCM2602069	20-02-2027	NATIONAL STANDARD

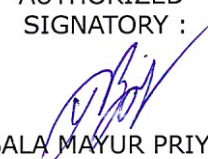
PIPETTEMANN CALIBRATION LABORATORY LLP

NABL ACCREDITED CALIBRATION LABORATORY

MASS - VOLUME - THERMAL - SPEED - TIME - ELECTRO TECHNICAL



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CALIBRATED PARAMETER : VOLUME NO.OF MEASUREMENTS : 10		Note: All Volumes are converted and reported @27°C	
I) NOMINAL VOLUME : 200 µl			
200.25 µl	199.97 µl	200.06 µl	200.17 µl
200.28 µl	200.25 µl	200.06 µl	200.17 µl
199.97 µl	200.12 µl		
MEAN VALUE : 200.13 µl SYSTEMATIC ERROR(es) : 0.13 µl RANDOM ERROR (Sr) : 0.11 µl		Standard Limit Value (±1.6 µl) (±0.6 µl)	
CALIBRATED ON : 05-03-2026		CALIBRATION DUE ON : 04-03-2027	
RESULTS :	RANGE	MEASUREMENT UNCERTAINTY	
	200 µl	0.10 µl	
With coverage factor k is 2 for effective degrees of freedom is ∞ and the confidence level is 95%			
CALIBRATED BY :  (M.VINOTH KUMAR) DEPUTY TECHNICAL MANAGER		AUTHORIZED SIGNATORY :  (K.BALA MAYUR PRIYAN) TECHNICAL MANAGER	
NOTE : 1.The recalibration interval should be determined on the user requirement 2.Master equipments used for calibration are traceable to National standards 3.The calibration results reported are valid at the time of and under the stated condition of the measurement 4.Results presented in this certificate relate only to the item mentioned & calibrated at PIPETTEMANN CALIBRATION LABORATORY LLP 5.This certificate shall not be reproduced except in full without written approval of PIPETTEMANN CALIBRATION LABORATORY LLP 6.All precautions have been taken to avoid any error or omission while calibrating the DUC and issuing this certificate 7.The volume measurements are recorded as observed.Hence the results are reported without any adjustment.			

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END OF THE REPORT