







CALIBRATION CERTIFICATE

Certificate Number :		MED/R/180		Date of issue:		29/Sep/23		
ULR No.		CC353523000000180F		Job Order/ CR		MED/R/180		
Calibration Date		28/Sep/23		Calibration Due 27/Sep/			ATION	
	CUSTOME	CR INF	ORMATION		UNII UNDER		ppipette	
.,	Govt Primary	Health	centre	Description				
Name	Governmany	Ticalar	centro	Range / Resolution		10-100/ 0.1µl ThermoScientific		
Address Alampalay		1		Make		F3		
	Erode			Model		RW10907		
				Serial No.		AGPHC/LAB\PIP\01		
				Identification No		Lab		
Date of Receipt 27-Sep-23				Location				
E	NVIRONM	ENTAI	CONDITION	MASTER EQUIPMEN				
Tempe	rature		25 °C	Description Electronic			eighing Balance	
Humi	idity		55 °C	Certificate No	rtificate No		CC214423000001642F	
Air Pre			1010 mbar	Identification N	fication No		MEDEX-01	
All Plessure				Calibration Due	31		-04-2024	
				Traceability		National Standard		
			CALIBRATIO		-			
			Discipline: Mecha				F1-1	
SL No	Nominal Va	lue (µl)	Measured Mean Value (μl)	Systematic Error (µl)	Maximum Pe Systematic Er		Expanded Uncertainity (±) μl	
1	10.0		10.074 @27°C	0.074	0.12		0.30	
2	50.0		50.08 @27°C	0.080	0.50		0.30	
3	100.0		100.201 @27°C	0.201	0.80		0.30	
Random Error: (0.114 µl @ 10	 µl			Maximum Po	ermissible Rar	ndom Error: ± 0.08µl	
Random Error: (Maximum Pe	ermissible Rar	ndom Error: ± 0.2µl	
Random Error: (•		Maximum Permissible Random Error: ± 0.3µl				
2 . This co 3 . Calibra 4 . Result 5 . The ur 6 . This co 7 . Error i 8 . Unless 9 . Next co 10 . Decision	ation certificate s reported are vincertainty of me alibration certifi s evaluted as (N s Otherwise Spe alibration due a on Rule Requir on Rule Statem	cate relates shall not alid at the casurement cate is issufeasured edified the sper custed: Yes. ent: Pass	es only to the UUC supplied. be reproduced, except in full, without time and under stated environment is expressed at 95.45% confidence used for scientific or industrial purpovalue-Nominal Value). Measurement Data Reported is "A comer's plan and requirement. Fail	tal conditions of cal the level with covera- tose only. s Found* -without s	ibration. ge factor k=2	olutions.		
Calibrated by	,				ECH S		Authorised By	
VIPIN PR				11+				
Calibration En	gineer			MEDE	ONS		Jude Joseph Raj Quality Manager	
			pp. Chaldean Centre, India - 680001	Email sales on Mob: +91 903	nedexlabiech eor 7588562, 81138	m,service@	medexlabtech.com	







CALIBRATION / SALES / SERVICE / VALIDATION / MANUFACTURING

CALIBRATION CERTIFICATE

		401	Date of issue:		29/Sep/23				
		MED/R		Job Order/ CRF No. :		•	MED/R/181		
III R No. CC35			2300000181F	The Date		27/Sep/24	27/Sep/24		
Calibration Date 28/Sep/23 CUSTOMER INFORMATION			UNIT UNDER CALIBRATION Micropipette						
	ER INF	JRMATION	Description						
1	Govt Primar	y Health c	entre	Range / Resolution			100-1000/0.1µl ThermoScientific		
Address Alampalaya Erode				Make	Make				
		m		Model	Model		F3		
				Serial No.			15866		
			Identification No			VGPHC/LAB\PIP\02			
	- 22			Location		_	Lab		
Date of Receip	t 27-Sep-23		CONDITION	MASTER EQUIPMEN		TER EQUIPMENT I	NT DETAILS		
]	ENVIRON	MENTAL	CONDITION	Description Electronic			eighing Balance		
Temperature			25 °C	Certificate No		CC214423	CC214423000001642F		
Hur	nidity		55 °C	Identification No			MEDEX-01		
Air Pressure		1010 mbar		Calibration Due		31-0	31-04-2024		
4							National Standard		
			CALIBRATIO	Traceability					
			Discipline: Mecha	nical - Volume			1		
	1			Systematic		aximum Permissible	Expanded		
Sl. No	Nominal V	alue (µl)	Measured Mean Value (山)	Error (µl)	Sy	stematic Error ± (μl)	Uncertainity (±) µ		
1	1 100.0		100.156 @27°C	0.156		0.80	0.30		
2			500.665 @27°C	0.665		4.00	0.55		
3	1000.0		1001.000 @27°C	1.000		8.00	0.56		
						Maximum Permissible Ra	indom Error: ± 0.3µl		
Random Error:						Maximum Permissible Ra	ındom Error: ± 1.5µl		
Random Error: Random Error:				Maximum Permissible Random Error: ± 3μl					
2 . This 3 . Cali 4 . Res 5 . The 6 . Thi 7 . Erre 8 . Unl 9 . Nee 10 . Dec 11 . Dec	bration certificate ults reported and concertainty of a calibration certor is evaluted as less Otherwise Set calibration ducision Rule Requision Rule State	tificate relate shall not evalid at the measurement ificate is is (Measured Specified the eas per curuired: Yes ement: Passement: Passement: Passement in the shall be a specified the eas per curuired: Yes ement: Passement: Passement in the shall be a specified the eas per curuired: Yes ement: Passement: Passement: Passement in the shall be a shall be	tes only to the UUC supplied. It be reproduced, except in full, with the time and under stated environme ent is expressed at 95.45% confider studed for scientific or industrial pure to Value-Nominal Value). The Measurement Data Reported is " stomer's plan and requirement.	ntal conditions of ca ace level with covers cose only. As Found" -without	librati ige fa	ion. ctor k =2			
Calibrated VIPIN PR Calibration				X 93.7	CH	SOLUTIONS * 10	Authorised By Jude to seph Raj Quality Manager		
X/657/28, 2	nd Floor, RF	Tower, ur, Kerala	Opp. Chaldean Centre, a, India - 680001	Email sales@	med 3758	extablech com, service 88562, 8113816000	Quality Manager		