



Precised Calibration Service

SCIENTIFIC LAB EQUIPMENT SERVICE

(NABL Accredited Calibration Laboratory)

Room No. 1, PSC Building, No. 503, Veeraboyar Colony,

Dr. Nanjappa Road, Coimbatore - 641 018.

PH : 0422 - 2237280, 99945 12732, 98402 62732

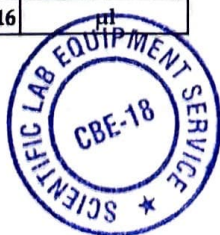
Email: info@slescbe.com, lab@slescbe.com

GSTIN : 33AEKFS6370M1ZH



CC-3474

CERTIFICATE OF CALIBRATION			
ULR No.	: CC347424000000665F	Page no	: 1 of 2
Certificate No.	: SLESM05243555	Date of Issue	: 07.05.2024
Date of Calibration	: 06.05.2024	Recom. Due Date	: 05.05.2025
Customer Details	:	CRF No.	: 400
M/s : M/s: Sree Sasthaa Micro Labs		Date of Receipt	: 06.05.2024
No.57E, Erode Rd, Near Canara Bank - KavanDapadi,		Calibrated at	: Lab
Erode- 638455.			
Device Under Calibration Details:			
Description	: Micropipette	Location	: -
Make	: Erba	Range	: 100-1000 µl
Model No.	: ---	Resolution	: 5 µl
Serial No.	: 02174114	Received Condition	: Satisfactory
Id.No.	: ---	Accuracy	: --
Reference doc	: SLES/CSOP-M-03	Reference Standard	: ISO 8655 - 6 : 2022
Environmental Details :			
Temperature	: 22.6°C	Relative Humidity	: 52.7%RH
		Air Pressure	: 960.7 hpa
Equipment used calibration & Traceability :			
Name	Certificate No.	Validity	Traceability
Weighing Balance	SLESB03243238	13-03-2025	SLES,CBE
THE STANDARDS ARE TRACEABLE TO NATIONAL / INTERNATIONAL STANDARDS			
Discipline : MECHANICAL CALIBRATION		Group : Mass & Volume	
Measured Volume @ 27°C			
Calibration Results			
1. Selected Volume :	1000 µl	No. of Measurements :	10
<input type="text" value="996.18"/>	<input type="text" value="996.25"/>	<input type="text" value="996.09"/>	<input type="text" value="996.14"/>
<input type="text" value="996.39"/>	<input type="text" value="996.46"/>	<input type="text" value="996.09"/>	<input type="text" value="996.02"/>
<input type="text" value="996.16"/>	<input type="text" value="996.25"/>		
Mean Value :	996.21 µl		
Error Limits(±)			
Systematic Error	: -3.79 µl	8.00 µl	
Systematic Error	: -0.38 %	0.80 %	
Random Error	: 0.13 µl	3.00 µl	
Random Error	: 0.01 %	0.30 %	
Measurement Uncertainty :	± 1.16 µl		
Calibrated by :		Authorised by:	
Mr.M.Maharaj	(Technical Manager)	Mr.R.Janarthanan	(Quality Manager)





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ULR No. : CC347424000000665F		Page 2 of 2	
Certificate No. : SLESM05243555			
Discipline : MECHANICAL CALIBRATION		Group : Volume	
Measured Volume @ 27°C			
Calibration Results			
2. Selected Volume :	500 μl	No. of Measurements :	10
498.95	499.12	499.16	499.25
499.32	499.36	499.65	499.72
499.36	499.73		
Mean Value :	499.36 μl		
Error Limits(±)			
Systematic Error :	-0.64 μl	8.00	μl
Systematic Error :	-0.13 %	1.6	%
Random Error :	0.27 μl	3.00	μl
Random Error :	0.03 %	0.6	%
Measurement Uncertainty :	± 1.16 μl		
3. Selected Volume :	100 μl	No. of Measurements :	10
99.56	99.63	99.66	99.73
99.76	99.83	99.90	99.97
99.90	99.94		
Mean Value :	99.79 μl		
Error Limits(±)			
Systematic Error :	-0.21 μl	8.00	μl
Systematic Error :	-0.21 %	8.0	%
Random Error :	0.14 μl	3.00	μl
Random Error :	0.01 %	3.0	%
Measurement Uncertainty :	± 0.68 μl		
Remarks			
1. The reported Expanded Uncertainty is calculated at 95.45 % C.L with coverage factor k=2			
2. The above Micropipette was within the error limits			
* End of Certificate *			
Calibrated by :		Authorised by :	
Mr. M. Maharaj (Technical Manager)		Mr. R. Jayanthan (Quality Manager)	