



Sarvashree

L-95, 5th Cross, 1st Main, Kirloskar Colony 3rd Stage,
Water Tank Road, Basaveshwaranagar, Bangalore-560079.
+91 080-2322 3936, 96633 04352
calibration@sarvashree.com
www.sarvashree.com



NABL Accredited Calibration Lab as per ISO/IEC 17025 : 2017 with vide Certificate No: CC-2291

CALIBRATION CERTIFICATE

SS/ FF-20/ v1

Page 1 of 2

1 Name and Full Address of Customer : M/s ICTC General Hospital.,
T.Narsipura.

2 Customer Reference

2.1 SRF No : A4205 Date of Receipt : 20 September 2023
2.2 Certification No. : SS/23/A4205-02 ULR No : CC229123000016167F
2.3 Date of Calibration : 20 September 2023 Date of Issue: 26 September 2023
2.4 Next Calibration Due : 19 September 2024

3 Details Of Device Under Calibration(DUC).

3.1 Nomenclature : Micro Pipette ✓
3.2 Make : Model :
3.3 SI.No : ID. No. : Pipette-02
3.4 No.of Pages : 2 Range : 100-1000 µl
3.5 Calibration Procedure No. : SOP-M&V-04 LC: 10 µl
3.6 DUC Condition : Satisfactory Location : --
3.7 Calibration done at : Mech Lab, Sarvashree
3.8 Discipline - Group : Mechanical - Volume

4 Environmental Condition

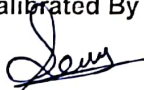
Temperature 21.1 °C Humidity 45 %RH

5 Standards Used for calibration

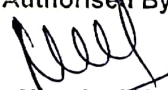
Sl. No.	Nomenclature	Make & Model	Sl. No	Traceable Cert. No.	Validity
1	Electronic Balance	Radwag- AS82/220.R2	585650	TVCSPL 23/03/482-02	14-Mar-24

6 Conclusion / Remarks/Notes:

6.1. Kindly refer to Note (s) section mentioned as below.

Calibrated By

Susindran
(Calibration Engineer)



Authorised By

Noushad N
(Lab In-charge)

NOTE: 1. Measurement Uncertainty reported is at approx 95.45% confidence level with coverage factor k=2. 2. Publication or reproduction of this Certificate in any form other than by complete set of the whole report & in the language, written, is not permitted without the written consent of Sarvashree. 3. The Calibration Certificate relates only to the above DUC. DUC Indicates Device Under Calibration. 4. Corrections/Erasing invalidate the calibration certificate. 5. All Standards / Masters used for calibration are traceable to National / International Standards. 6. Any error in this cert should be brought to our knowledge within 45 days from the date of this certificate. 7. Results reported are valid at the time of and under stated conditions of measurements. 8. Conformity statement is given only when requested by the customer. 9. NABL-133 Guidelines are adopted for use of NABL Symbol.

CAL CERT. NO. SS/23/A4205-02

ULR No : CC229123000016167F

Page 2 of 2

Range : 100-1000 μ l

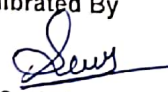
LC : 10 μ l

Sl. No.	Micropipette Set Volume in μ l	Standard Balance Reading in g	Actual Calculated Volume @ 27°C in μ l	Average Volume in μ l	Systematic Error, \pm in %	Random Error, in \pm in %
1	100	0.09992	100.217	100.342	0.34	0.20
2		0.09999	100.288			
3		0.10011	100.408			
4		0.10014	100.438			
5		0.10006	100.358			
6		0.09988	100.177			
7		0.10011	100.408			
8		0.10021	100.508			
9		0.10055	100.849			
10		0.10030	100.598			
11	500	0.50018	501.668	501.618	0.32	0.04
12		0.50022	501.709			
13		0.50016	501.648			
14		0.50010	501.588			
15		0.49999	501.478			
16		0.50039	501.879			
17		0.50041	501.899			
18		0.49999	501.478			
19		0.49991	501.398			
20		0.49971	501.197			
21	1000	1.00027	1003.247	1002.927	0.29	0.02
22		1.00010	1003.076			
23		0.99988	1002.856			
24		0.99977	1002.745			
25		1.00010	1003.076			
26		0.99988	1002.856			
27		1.00010	1003.076			
28		0.99988	1002.856			
29		0.99977	1002.745			
30		0.99976	1002.735			

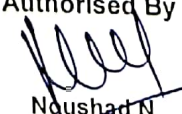
Measurement Uncertainty : \pm 0.58 μ l

Conclusion / Remarks:

- 1 Measurement uncertainty is at confidence level 95.45% which corresponds to a coverage factor of k=2
- 2 Calibration is performed as per ISO 8655 - 6 : 2022 (E)
- 3 Gravimetric Method is adopted for calibration

Calibrated By

Susindran
(Calibration Engineer)



Authorised By

Noushad N
(Lab In-charge)

*****End of Certificate*****