

CALIBRATION CERTIFICATE

Certificate No	Date of Calibration	Next Calibration Due Date	Certificate Issue Date
MCS-121/22-23	15/04/2022	14/10/2022	22/04/2022

- 1 **CUSTOMER NAME & ADDRESS** : CHIKITSA PATHOLOGY LABORATORY, AHMEDABAD
- 2 **DESCRIPTION OF THE INSTRUMENT CALIBRATED**
 - INSTRUMENT : MICRO PIPETTE
 - SERIAL NO. : PW00746
 - MAKE : THERMO SCIENTIFIC
 - MODEL NUMBER : FINNPIPETTE F3
 - RANGE : 100-1000 µL
 - LOCATION OF INSTRUMENT : N.A.
- 3 **METHODOLOGY OF CALIBRATION** : The calibration was performed by comparison of UUC Values with Standard values.
- 4 **CALIBRATION PROCEDURE REFERENCE** : MCS/ SCP/WB-1
- 5 **CALIBRATION ENVIRONMENT** : Temperature 26 +/- 2 °C
Relative Humidity: 50%
- 6 **UNCERTAINTY OF MEASUREMENT** : The reported uncertainty is at coverage factor k=2, which Corresponds to a coverage probability of approximately 95% for a normal distribution.
- 7 **INSTRUMENT/EQUIPMENT USED FOR CALIBRATION**
 - DESCRIPTION : Electronic Weighing Balance
 - MAKE : SCALE-TEC/SAB – 224CL
 - SR. No. : N1034820284789121406090
- 8 **TRACEABILITY** : Calibration Certificate No.: NCQC-MO/050222/01
Calibration Dated: 05/02/2022 valid up to 04/02/2023 by NCQC, Ahmedabad.

9 **CALIBRATION RESULT**

Denomination UUC values	Readings Observed By UUC in gm (k = 1)	Deviation	Expanded Uncertainty
(µl)	(m gram)	(µl)	% F.S.
100.0	99.3	0.7	0.007
500.0	498.6	1.4	0.003
1000.0	998.5	1.5	0.002

**Deviation Report = UUC Value – Standard Value

- 10 **ABBREVIATIONS** : 1) UUC : Unit under Calibration
2) N.A. : Not Available
- 11 **CONDITION OF PRODUCT** : Satisfactory
- 12 **CALIBRATION SITE** : On Site
- 13 **REMARKS** : This Instrument has been calibrated & found to be within The permissible error range of +/-1% F.S.

CALIBRATED BY: Pratik Kuralkar

CERTIFIED BY : Yash Shah



For, Multitech Control Systems

NOTE: The calibration results reported in this certificate are valid at the time of and under the stated condition of measurement. This document shall not be reproduce. Expect in full without the written approval of MCS. This is the technical information of client only and not for promotion publicity or litigation.

END OF CERTIFICATE