



MUTHU SURGICALS

101, ANNAI COMPLEX, NEW BUS STSND,
 PERAMBALUR - 621212
 GST NO : 33DDEPM1487DIZQ
 UDYAM REG NO : TN-16-000072
 PHONE NO : 8056356534

CALIBRATION CERTIFICATE

Certificate No: MS0078\MPT072023		Page. No : 1 of 1
Customer Name & Address		
The medical officer ,		
Poyyur,		
621707,		
	Date of Receipt	28-09-2023
	Date of Calibration	28-09-2023
	Due Date for Calibration	29-08-2024
Details of Unit Under Calibration		
Description	Micro Pipette	Make
Range	5ul-50ul	THERMO SCIENTIFIC
		Model
		MICROLUX
Serial Number	QW-41678	Material
ID Number		PVC
Cal. At	Mechanical Lab	Operating Range
		Condition of UUC
		Instrument Location
		LAB

Description	ID.No. / Sl. No.	Certificate No.	Make/Model	Traceability	Valid till
Electronic Semi Micro Pipet	15112918	TVCSP121/12/1587-01	GH-252	National Standards	09-02-2024

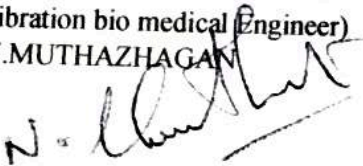
	Nominal Value	Result of Calibration in PI					Mean Value	Systematic Random Error		Z Factor. 1.00319 Measurement Uncertainty (±)
		Observed Readings								
1	05	99.82	99.84	99.86	99.87	99.87	99.86	-0.14	0.02	0.47
		99.86	99.87	99.88	99.87	99.88				
2	25	499.92	499.74	499.76	499.78	499.75	499.78	-0.22	0.05	0.47
		499.76	499.77	499.77	499.77	499.76				
		999.82	999.84	999.86	999.87	999.87				
3	50	999.84	999.82	999.84	999.87	999.86	999.85	0.02		0.47

REMARKS:

1. ms Calibration certificate shall not be reproduced except in full, without written approval of the laboratory.
2. The user should determine the suitability of the instrument for its intended use.
3. The recalibration interval should be determined on the user requirement.
4. The results stated in this certificate relate only to the item calibrated.
5. Equipment used for Calibration were calibrated & traceable to National & International Standards
6. The indicated uncertainties are expanded uncertainty estimated for a confidence level of approximately 95% for a coverage factor $k=2$.
7. Calibration Liquid Used: Distilled or Deionized water conforming Grade3 as specified in ISO 3696.

Calibrated By

(Calibration bio medical Engineer)
N.MUTHAZHAGAN



Authorized Signatory
P. SUTHUSAIKALAN
(Chief Executive)
PROPRIETOR