



ESSJAY TECHNOMEASURE PVT. LTD.

(A House of Calibration Engineering & Allied Services)

Apartment No. : D1, 3rd Floor, 36, Kantapukur 3rd Bye Lane, Howrah - 711 101

Ph. 033 2667 0835, 9674756761, 9674756767

website : www.technomeasurenabl.com, E-mail : technomeasure@gmail.com

DGC No. TMDAL104



Calibration Certificate

Issued To
Medi Q Diagnostic Services.
607, Ho-Chi-Min Sarani, Kolkata- 700061

ULR No: CC262823000012244F
Certificate No. : 2304239/M396/SK/01
Date : 14.04.2023

Date of Calibration	Recommended Due On (as agreed with customer)	Page No.
13.04.2023	13.04.2024	1 of 1

Location of Calibration : At Lab
 Date of Receipt : 11.04.2023
 Description of instrument : Micropipette
 Make : Thermo Scientific Range : 5 µl to 50 µl
 L/C : 0.1 µl
 Model/Type : Finnpiette F3 SL No. : NW03858
 Identification Number of Instrument : SL No: NW03858
 Method of Calibration : As per Work Instruction (WI- 01, Sec No: QWI- 51)
 Rev. No. 03, Rev Date: 26.12.2019
 Based on : IS 8655-6 and ISO/TR 20461

Details of Major Equipment used for Calibration :

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
Digital Balance	ETM/INTER/CALI/MV/01, Dated : 07.01.2023	06.01.2024	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory


Customer's Specification : Not provided by the Customer.
 Environmental conditions : Temperature: 23±2°C Humidity : 50±10 % RH

Mechanical-Volume Calibration

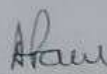
Sl. No.	Nominal Volume (in µl) at 27°C	Calibration Results	
		Result Observed on reference Standard in µl (Avg) at 27 °C	Uncertainty at 95% CL(k=1.96) (µl)
1	10	9.952	± 0.1
2	20	19.863	± 0.1
3	50	49.789	± 0.1

- Remarks : 1. The instrument is visually checked and found ok
 2. This calibration certificate refers to the value observed at the time of and under the stated conditions measured
 3. This certificate should not be produced other than a full with written approval from the head of the calibration laboratory
 4. The above results relate only to the item calibration.

-----END OF CERTIFICATE-----


 Calibrated By
Swadesh Paul
 (Calibration Engineer)




 Authorised Signatory
Asit Baran Paul
 (Technical Manager)

Branch Office : Guwahati • Jamshedpur • Coochbehar



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DOC.No. TM/DAL/04



CC-2628

Calibration Certificate

Issued To

Medi Q Diagnostic Services.

607, Ho-Chi-Min Sarani, Kolkata- 700061

ULR No: CC262823000012246F

Certificate No. : 2304239/M396/SK/03

Date : 14.04.2023

Date of Calibration	Recommended Due On (as agreed with customer)	Page No.
13.04.2023	13.04.2024	1 of 1

Location of Calibration

: At Lab

Date of Receipt

: 11.04.2023

Description of instrument

: Micro Pipette

Make : Erba Mannheim Range : 100 μ l to 1000 μ l

L/C : 5 μ l

Identification Number of Instrument

: SL No: NL483053

Method of Calibration

: As per Work Instruction (WI- 01, Sec No: QWI - 51)

Rev. No. 03, Rev Date: 26.12.2019

Based on : IS 8655-6 and ISO/TR 20461

Details of Major Equipment used for Calibration :

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
Digital Balance	ETM/INTER/CALI/MV/01, Dated : 07.01.2023	06.01.2024	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Customer's Specification

: Not provided by the Customer.

Environmental conditions

: Temperature: 23 \pm 2 $^{\circ}$ C Humidity : 50 \pm 10 % RH

Mechanical-Volume Calibration

Calibration Results			
Sl. No.	Nominal Volume (in μ l) at 27 $^{\circ}$ C	Result Observed on reference Standard in μ l (Avg) at 27 $^{\circ}$ C	Uncertainty at 95% CL(k=1.96) (μ l)
1	100	99.947	\pm 0.45
2	500	499.886	\pm 0.45
3	1000	999.771	\pm 0.45

Remarks : 1. The instrument is visually checked and found ok

2. This calibration certificate refers to the value observed at the time of and under the stated conditions measured

3. This certificate should not be produced other than a full with written approval from the head of the calibration laboratory

4. The above results relate only to the item calibration.

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DOC No. : TM/CAL/04



Calibration Certificate

Issued To
Medi Q Diagnostic Services,
607, Ho-Chi-Min Sarani, Kolkata- 700061

ULR No: CC262823000012245F
Certificate No. : 2304239/M396/SK/02
Date : 14.04.2023

Date of Calibration	Recommended Due On (As agreed With Customer)	Page No.
13.04.2023	13.04.2024	1 of 1

Location of Calibration : At Lab
 Date of Receipt : 11.04.2023
 Description of instrument : Micro Pipette
 Make : Thermo Labsystems Capacity : 500 μ l
 Identification Number of Instrument : SL No: N39793
 Method of Calibration : As per Work Instruction (WI- 01, Sec No: QWI - 51)
 Rev. No. 03, Rev Date: 26.12.2019
 Based on : IS 8655-6 and ISO/TR 20461

Details of Major Equipment used for Calibration :

Description	Traceability Certificate No. & Issue Date	Valid upto	Calibration Agency
Digital Balance	ETM/INTER/CAL/MV/01, Dated : 07.01.2023	06.01.2024	ETM

Traceability: Standards used for calibration are traceable to National Standards through NABL accredited laboratory

Customer's Specification : Not provided by the Customer.
 Environmental conditions : Temperature: 23 \pm 2 $^{\circ}$ C Humidity : 50 \pm 10% RH

Mechanical-Volume Calibration

Calibration Results			
Sl. No.	Nominal Volume (in μ l) at 27 $^{\circ}$ C	Result Observed on reference Standard in ml (Avg)at 27 $^{\circ}$ C	Uncertainty at 95% CL(k=1.96) (μ l)
1	500	500.166	\pm 0.45

- Remarks : 1. The Instrument is visually checked & found ok .DUC*=Device Under Calibration , Std. = Standard
 2. This calibration certificate refers to the value observed at the time of and under the stated conditions measured
 3. This certificate should not be produced other than a full with written approval from the head of the calibration laboratory
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