



CC - 3237

CALIBRATION CERTIFICATE

MCAL/FOR/QD-12

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PRF #	: MCAL/PRF/0123182	Date of Calibration	: 24-Jan-2023
Certificate #	: MSIR/410123/182-001	Recom. Due Date	: 23-Jan-2024

DETAILS OF USER CUSTOMER		ULR #	: CC323723000001059F
M/S. Kamala Hospitals, 46 A&B, 48 A&B, Santhai Pettai Street, Kovilpatti-628 502.		Calibrated at	: Lab
		Date of Receipt	: 24-Jan-2023
		Cond. On Receipt	: Satisfactory
		Date of Issue	: 28-Jan-2023

DETAILS OF TEST / UNIT UNDER CALIBRATION			
Description	: MicroPipette	Identification #	: --
Range	: 10 to 100 µl	Serial #	: 10174315
Cal. / Working Range	: --	Make	: ERBA Biohit
Least Count	: 1 µl	Model # / Input	: --
Location	: --	Accuracy	: --

DETAILS OF MASTER INSTRUMENT USED			
Description (Range)	Identification #	Valid upto (Due Date)	Traceability Certificate #
Digital Weighing Balance	MCAL/INS/MV-04	16-Dec-2023	MSIR/411222/168-001

MFC #	: MCAL/MFC/MV-03
Details of Env.	: Temperature : 25±10°C Relative Humidity : 40-70 % RH

Sl.No	DUC Readings µl	Standard Reading µl					Mean value µl	Error µl	Uncertainty ± µl
1.	10	10.25	10.26	10.28	10.24	10.29	10.27	-0.27	0.5
		10.31	10.28	10.26	10.27	10.27			
2.	50	50.57	50.56	50.56	50.53	50.52	50.54	-0.54	0.5
		50.54	50.53	50.51	50.57	50.55			
3.	100	100.82	100.83	100.77	100.78	100.78	100.80	-0.80	2.8
		100.80	100.79	100.80	100.83	100.77			

Remarks

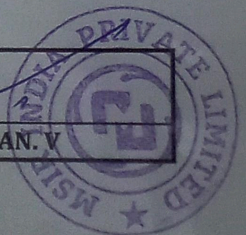
1. The reported Expanded Uncertainty is calculated at 95.45 % C.L with coverage factor k=2.
2. DUC is defined as Device Under Calibration.

Issued by :
MCAL - Engineer

SANGEETHA. B

Authorised by :
Technical Manager

KAMALANATHAN. V



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