



FACTUAL CALIBRATION SERVICES (OPC) PVT. LTD.

A House of Complete Solution



Contact Details:- +91-9205523341, +91-9868784023
Office No. 130, 1st Floor Cloud-9 Sec 1 Vaishali Ghaziabad Uttar Pradesh 201010

Calibration Certificate

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Format No. : FCS/QF/46

ISSUE DATE 01/07/2023

SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	25.10.2023	Date of Calibration :	26.10.2023
Calibration Request / Job No.	114 / 114-005	Next Date of Calibration	26.10.2024
Certificate No.	FCS/23/114-005	Certificate Issue Date	28.10.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS
M/s Mehla Clinical Laboratory Inside Virk hospital PVT. LTD. 363-364 Randhir Lane, Karnal (HARAYANA)-132001, India	Temperature (25 ± 15) °C Relative Humidity (50 ± 20) %RH Zerro Error Null Discipline Mechanical Lab Instrument Condition In Working (Good)

CALIBRATION CERTIFICATE OF	DESCRIPTION OF(EQP) UNIT UNDER CALIBRATION
Micropipette	Make / Model NEMH Range / Size 100 to 1000 µl Least Count 10 µl Serial No. NA Asset Code / I.D No. VH/BME/MP/05/LAB Location Pathology Lab Accuracy/Acceptance Not Specified
Procedure Followed FCS/MD/120 Reference Standard SO 8655-6 Calibration Performed At In Lab	

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Digital Weighing Machine	FCS/MD/PWB-01	NKERC/23/1001-012	NKERC	01.08.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (µl)	STANDARD VALUE (µl)	ERROR (µl)	Uncertainty ± (µl)
Volume	200	200.02	-0.02	4.0
	400	400.04	-0.04	4.0
	600	600.07	-0.07	4.0
	800	800.08	-0.08	4.0
	1000	1000.05	-0.05	4.0

*****The End of Report*****

CALIBRATED BY (Calibration Engineer)	APPROVED BY (Authorized Signatory)
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Note :- <ol style="list-style-type: none"> UUC =* Unit Under Calibration* Uncertainty of measurment at approximately 95% Confidence Level with coverage factor k=2, ±20 µm The Calibration Result reported are valid at the time of Calibration and under the stated conditions of Measurement. The Calibration report is not valid without sign of CEO/ QM / TM (Factual Calibration Services (OPC) PVT. LTD.). This Calibration Certificate only to the particular Equipment (Instrument) submitted for Calibration. The Calibration Certificate Should not be regenerated without the permission of Higher Authority of Factual Calibration Services (OPC) PVT. LTD.. Calibration Certificate Issue for weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, for scientific Purpose only.
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BRANCHES : GHAZIABAD KATHMANDU LUCKNOW REWARI NOIDA PUNJAB





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SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)

Calibration Request Dated	25.10.2023	Date of Calibration :	26.10.2023
Calibration Request / Job No.	114 / 114-010	Next Date of Calibration	26.10.2024
Certificate No.	FCS/23/114-010	Certificate Issue Date	28.10.2023

CUSTOMER ADDRESS		ENVIRONMENTAL & INSTRUMENT CONDITIONS	
M/s Mehla Clinical Laboratory Inside Virk hospital PVT. LTD. 363-364 Randhir Lane, Karnal (HARAYANA)-132001, India		Temperature	(25 ± 15) °C
		Relative Humidity	(50 ± 20) %RH
		Zerro Error	Null
		Discipline	Mechanical lab
		Instrument Condition	In Working (Good)

CALIBRATION CERTIFICATE OF		DESCRIPTION OF(EQP) UNIT UNDER CALIBRATION	
CENTRIFUGE MACHINE		Make / Model	Laby Instrument
		Range / Size	As Per Instrument
		Least Count	As Per Range
		Serial No.	NA
		Asset Code / I.D No.	VH/BME/CENT/01/01
		Location	Pathology Lab
		Accuracy/Acceptance	Not Specified
Procedure Followed	FCS/MD/103		
Reference Standard	NABL 126		
Calibration Performed At	At Site		

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Digital Tachometer	FCS/MD/TM-01	NKERC/23/1001-006	NKERC	01.08.2024
2	Electrical Safety Analyzer	FCS/MD/ESA-01	AT23000007411	ASIAN	02.07.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	ERROR (rpm)	Uncertainty ± (%)
Speed	800	802.3	-2.30	0.70
	1000	1003	-3.00	0.70
	2000	2005	-5.00	0.70
	3000	3007	-7.00	0.70
	4000	4012	-12.00	0.70

1. Electrical Safety (Visual Test)			2. Electrical Safety Test			
S.No	TESTS	REMARKS	S.No	PARAMETERS	MEASURE	REMARKS
1	Power Chords, Cable Check	OK	1	Voltage Between Line & Neutral (V in)	236.5V	OK
2	Main Socket Check	OK	2	Voltage Between Line & Earth (V ie)	243.3V	OK
3	Equipment Type (B/BF/CF)	B	3	Voltage Between Neutral & Earth (V en)	2.2V	OK
4	Equipment Class (I/II/III)	I	4	Patient Leakage Current (P L)	0.7µA	OK

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED, III-WITH EXTRA SAFETY LOW VOLTAGE.

*****The End of Report*****

CALIBRATED BY (Calibration Engineer)	APPROVED BY (Authorized Signatory)
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 - Calibration Certificate issue for weight & Measure parameters like Mass, Balance, Volumetric equipment, for scientific Purpose only.

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SERVICE REQUEST & CALIBRATION REPORT DETAILS (As per agreed with the Customer)			
Calibration Request Dated	25.10.2023	Date of Calibration :	26.10.2023
Calibration Request / Job No.	114 / 114-017	Next Date of Calibration	26.10.2024
Certificate No.	FCS/23/114-017	Certificate Issue Date	28.10.2023

CUSTOMER ADDRESS	ENVIRONMENTAL & INSTRUMENT CONDITIONS
M/s Mehla Clinical Laboratory Inside Virk hospital PVT. LTD. 363-364 Randhir Lane, Karnal (HARAYANA)-132001, India	Temperature (25 ± 15) °C Relative Humidity (50 ± 20) %RH Zerro Error Null Discipline Mechanical Lab Instrument Condition In Working (Good)

CALIBRATION CERTIFICATE OF		DESCRIPTION OF(EQP) UNIT UNDER CALIBRATION	
Micropipette		Make / Model	Spectra Lab
Procedure Followed		Range / Size	5 to 50 µl
Reference Standard		Least Count	0.5 µl
Calibration Performed At		Serial No.	NA
FCS/MD/120		Asset Code / I.D No.	VH/BME/MP/01/LAB
SO 8655-6		Location	Pathology Lab
In Lab		Accuracy/Acceptance	Not Specified

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Asst Code	Certificate No.	Calibrated By	Valid upto
1	Digital Weighing Machine	FCS/MD/PWB-01	NKERC/23/1001-012	NKERC	01.08.2024

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (µl)	STANDARD VALUE (µl)	ERROR (µl)	Uncertainty ± (µl)
Volume	10	10.01	-0.01	4.0
	20	20.02	-0.02	4.0
	30	30.01	-0.01	4.0
	40	40.02	-0.02	4.0
	50	50.01	-0.01	4.0

*****The End of Report*****

CALIBRATED BY (Calibration Engineer)	APPROVED BY (Authorized Signatory)
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<p>Note :-</p> <ol style="list-style-type: none"> 1. UUC =* Unit Under Calibration* 2. Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2, ±20 µm 3. The Calibration Result reported are valid at the time of Calibration and under the stated conditions of Measurement. 4. The Calibration report is not valid without sign of Factual Calibration Services (OPC) PVT. LTD.. 5. This Calibration Certificate only to the particular Equipment (Instrument) submitted for Calibration. 6. The Calibration Certificate Should not be regenerated without the permission of Higher Authority of Factual Calibration Services (OPC) PVT. LTD.. 7. Calibration Certificate issue for weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, for scientific Purpose only.
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MICRO SMALL & MEDIUM ENTERPRISES