



CALIBRATION CERTIFICATE

Certificate Number : MES/210128/C7
 Customer Details : COMMUNITY HEALTH CENTRE, THALAKULATHUR, THRISSUR
 Date of Calibration : 29/01/2021
 Next Calibration Due : 28/01/2022 Date of Issue : 29/01/2021

DETAILS OF DEVICE UNDER CALIBRATION (DUC)

Nomenclature : MICROPIPETTE Serial No. : -
 Make / Model : MICROPET ID No. : ICTC/TLKR/MP-7
 Equipment Condition : GOOD Resolution : 0.02µL
 Range : 20-200µL Location : ICTC

DETAILS OF MASTER EQUIPMENT USED

Nomenclature : Electronic Precision Balance Range : 0 – 210 gm
 Make : Boeco Readability : 0.01/0.1 mg
 Model : BBC-22 Serial No. : 27104178
 Certificate No. : MES/17012020/EB/C1 Calibration Due Date : 14.01.2022

ENVIRONMENTAL CONDITIONS

Temperature(°C)	Relative Humidity (%)	Atmospheric Pressure (mbar)	Water Temperature(°C)
27.1	56	1024	27.2

CALIBRATION RESULTS

Discipline	Mechanical	Parameter	Volume
Sl no	Set volume µl	Actual volume µl	Expanded uncertainty ± µl
1	20	19.95	± 0.182
2	100	99.98	± 0.278
3	200	199.96	± 0.195

Notes:-

- The results in this certificate are only related to DUC submitted calibration and valid at the time of calibration under stated condition of measurements
- The measurement uncertainty is estimated at a confidence level of 95.45% with coverage factor k=2.
- Results in this certificate shall not be reproduced except in full without the written approval of this centre.
- Next calibration due date is mentioned as per customer requirement.
- Calibration certificate issued for scientific or industrial purpose only.
- Acceptable error limit is given as per ISO 8655-2:2002(E) Guidelines
- Calibration is carried out as per ISO 8655-6 Guidelines; MES work procedure: MES/WP/VOLUME.

Calibrated by

Prabin K P
 (Calibration Engineer)

Authorized Signatory

Binoj Thomas
 (Technical Manager)



CALIBRATION CERTIFICATE

Certificate No.	MES/20-21/CHCTHALA/REF/H01	Date of Issue	: 29/01/2021
		Calibration Done On	: 27/01/2021
		Calibration Due On	: 26/01/2022

Customer Name **COMMUNITY HEALTH CENTRE, THALAKULATHUR, CALICUT.**

DETAILS OF DEVICE UNDER CALIBRATION

Equipment Name	Make / Model	Serial No.	Asset ID	Location
Refrigerator	Samsung	-	ICTC/TLKR/FRIDGE/24	ICTC

DETAILS OF MASTER EQUIPMENT USED

Sl No.	Master Equipment	Make / Model	Serial No.	Reference ID	Cal. Due
1	Digital Thermometer	Metravi / DTM 900	10055593	ACS/20-21/102669-01	23/09/2021
2	Digital Thermo Hygrometer	Equinox / EQ-308CTH	20191602	ACS/MC/20-21/2593-01	18/06/2021

The instruments used for calibration are under valid calibration and are traceable to National Standards.

Environmental Conditions	Temperature	27 °C	Relative Humidity	55 %
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PERFORMANCE DATA

Display	Measured	Tolerance
1.3 °C	1.2 °C	± 0.3 °C
2.4 °C	2.5 °C	± 0.3 °C
4.2 °C	4.3 °C	± 0.3 °C
7.2 °C	7.2 °C	± 0.3 °C

Calibration Status	Pass	✓	Fail
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Calibrated By

Vivek Mahendran (Service Engineer)

Approved By

Binoj Thomas (Quality Manager)



CALIBRATION CERTIFICATE

Certificate No.	MES/20-21/CHCTHALA/VDRL/H01	Date of Issue	: 29/01/2021
		Calibration Done On	: 27/01/2021
		Calibration Due On	: 26/01/2022

Customer Name	COMMUNITY HEALTH CENTRE, THALAKULATHUR, CALICUT.
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DETAILS OF DEVICE UNDER CALIBRATION

Equipment Name	Make / Model	Serial No.	Asset ID	Location
VDRL Rotator	Rotek Plus	-	ICTC/TLKR/CFG/28	ICTC

DETAILS OF MASTER EQUIPMENT USED

Sl No.	Master Equipment	Make / Model	Serial No.	Reference ID	Cal. Due
1	Digital Tachometer	Equinox / EQ-801B	S916577	ACS/20-21/I02671-01	24/09/2021
2	Digital Thermo Hygrometer	Equinox / EQ-308CTH	20191602	ACS/MC/20-21/2593-01	18/06/2021

The instruments used for calibration are under valid calibration and are traceable to National Standards.

Environmental Conditions	Temperature	32.2°C	Relative Humidity	59 %
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PERFORMANCE DATA

Result	Obtained RPM
	189 rpm

Calibration Status	Pass	✓	Fail
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Calibrated By

Vivek Mahendran (Service Engineer)

Approved By

Binoj Thomas (Quality Manager)



CALIBRATION CERTIFICATE

Certificate No.	MES/20-21/CHCTHALA/CEN/H01	Date of Issue	: 29/01/2021
		Calibration Done On	: 27/01/2021
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Customer Name	COMMUNITY HEALTH CENTRE, THALAKULATHUR, CALICUT.
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DETAILS OF DEVICE UNDER CALIBRATION

Equipment Name	Make / Model	Serial No.	Asset ID	Location
Centrifuge	Remi /R-8c plus	-	ICTC/TLKR/CFG/28	ICTC

DETAILS OF MASTER EQUIPMENT USED

Sl No.	Master Equipment	Make / Model	Serial No.	Reference ID	Cal. Due
1	Digital Tachometer	Equinox / EQ-801B	S916577	ACS/20-21/I02671-01	24/09/2021
2	Digital Thermo Hygrometer	Equinox / EQ-308-CTH	20191602	ACS/MC/20-21/2593-01	18/06/2021

The instruments used for calibration are under valid calibration and are traceable to National Standards.

Environmental Conditions	Temperature	23.2°C	Relative Humidity	59 %
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PERFORMANCE DATA

Set Reading	Display Reading	Measured Reading	Tolerance
Minimum	1100 rpm	1101 rpm	± 5 rpm
Medium	3250 rpm	3251 rpm	± 5 rpm
Maximum	6000 rpm	6002 rpm	± 5 rpm

Calibration Status	Pass	✓	Fail
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Calibrated By

Prabin KP (Service Engineer)

Approved By

Binoj Thomas (Quality Manager)