

No : 3/751, 1st Cross Street, Surveyor Colony, K.Pudur, Madurai - 625 997. Phone : 0452 - 2561691 Mobile : +91 94434 74610

GSTIN 33AAHCA80S3H1ZR \* DLNo. MDU/420S/208,MDU/8971/Z18 \* CIN: U33110TN2009PTC072140

### CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	61 101		12 Marie 1 20 12 11 752 7.7
Certificate No	Calibrated On	Calibration Due On	Done No
2886159	05/07/2019		Page No
Details of Device und	ler Calibration (DUC)	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

Type: Variable
Range: 0-50µl
Least Count; NA
DUC Condition on Receipt: OK
Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60% (At the time of Calibration)

Details of Test Equipment Used

Test Equipment	Manufacturer	Model	Serial No
Electronic weighing scale	Pentagon	EPS10T	The second secon
Thermo Hygrometer	HTC	57.57.51	E10T151189
E siliotoi	1116		200

Calibrated At	Traceability	Certificate No	Date
Pentagon Electronic Scale Service	Government of Tamilnadu	1181631	16/03/2018
Quality Concepts	Scientific &Industrial Testing &Research Centre	20190218	11/02/2019

#### Results:

SL No	DUC Reading(µI)	Standard	Reading(µI)	
DOC MONG	z c z z c z c z c z c z c z c z c z c z	Trial 1	Trial 2	Correction (µl)
1	50	51	50	1

#### Note:

Allowable Tolerance: ±1 μI

2. Calibration Points were selected as per customer request.

3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.

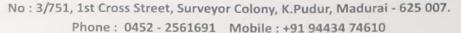
4. Results Reported are valid at the time of and under the stated conditions of measurements

Calibrated By:

Approved by:

(Calibration Engineer)

(Technical Manager)





GSTIN. 33AAHCA8053H1ZR • DL No. MDU/4205/20B,MDU/3971/21B • CIN: U33110TN2009PTC072140

### CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886160	05/07/2019	05/07/2020	
Details of Device und	ler Colibration (DUC)	03/07/2020	1 of 1

Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Mariliette	Range: 100µl-1000µl
Model: NA	Least Count: NA
SI. No: 314839	DUC Condition on Receipt: OK
Id. No: NL/LAB/MP/004	Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60%

(At the time of Calibration)

**Details of Test Equipment Used** 

Test Equipment	Manufacturer	Model	Contal N
Electronic weighing scale			Serial No
	Pentagon	EPS10T	E10T151189
Thermo Hygrometer	HTC	1	L101131109
78	IIIC	1	

Calibrated At	Traceability	Certificate No	Date
Pentagon Electronic Scale Service	Government of Tamilnadu	1181631	16/03/2018
Quality Concepts	Scientific &Industrial Testing &Research Centre	20190218	11/02/2019

#### Results:

DUC Reading(ul)	Standard	Reading(µl)	
Σ σ σ πειατιι <sub>β</sub> (μι)	Trial 1	Trial 2	Correction (µl)
100	100	105	-
500	500		3
1000			0
		Trial 1  100 100  500 500	Trial 1         Trial 2           100         100         105           500         500         500

#### Note:

- 1. Allowable Tolerance: ±10% μl
- 2. Calibration Points were selected as per customer request.
- 3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.

4. Results Reported are valid at the time of and under the stated conditions of measurements

Calibrated By:

(Calibration Engineer)

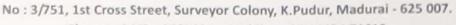
Approved by:

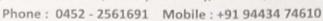
B. 89:

(Technical Manager)

aceagm@gmail.com

@ww.acemedical.in







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#### CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886164	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Refrigerator	Type: Direct Cool
Make: Kelvinator	Range: NA
Model: Power Cool	Least Count: NA
SI. No: NA	DUC Condition on Receipt: Ok
Id. No: NL/LAB/REF/001	Department: Laboratory

**Environmental Conditions:** 

Humidity: 30-60% Temperature:20°C±2°C

**Details of Test Equipment Used** 

Test Equipment	Manufacturer	Model	Serial No
RTD Thermometer	CENTER	375	140811115
Thermo Hygrometer	HTC	1	

Calibrated At	Traceability	Certificate No	Cal. Date
Quality Concepts, Madurai	Scientific& Industrial Testing& Research centre	20181121	10/02/2018
Quality Concepts, Madurai	Scientific &Industrial Testing &Research Centre	20181120	12/02/2018

Results:

SI. No	DUC Reading(°C)	Standard Reading(°C)	Correction (°C)
1	3.3	3.3	0

#### Note:

1. Calibration Points were selected as per customer request.

2. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.

3. Results Reported are valid at the time of and under the stated conditions of measurements.

Calibrated By:

Approved by:

(Technical Manager)

(Calibration Engineer)

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DL No. MDU/4205/208, MDU/3971/21B
 CIN: U33110TN2009PTC072140

#### CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886165	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Refrigerator	Type: Direct Cool
Make: LG	Range: NA
Model: GL-245BM5/2012	Least Count: NA
SI. No: NA	DUC Condition on Receipt: Ok
Id. No: SBB-LAB-II-RF-001	Department: Laboratory

**Environmental Conditions:** 

Temperature:20°C±2°C

Humidity: 30-60%

Details of Test Equipment Used

Test Equipment	Manufacturer	Model	Serial No
RTD Thermometer	CENTER	375	140811115
Thermo Hygrometer	HTC	1	

Calibrated At	Traceability	Certificate No	Cal. Date
Quality Concepts, Madurai	Scientific& Industrial Testing& Research centre	20181121	10/02/2018
Quality Concepts, Madurai	Scientific &Industrial Testing &Research Centre	20181120	12/02/2018

Results:

SI. No	DUC Reading(°C)	Standard Reading(°C)	Correction (°C)
1	5.2	5.2	0

#### Note:

1. Calibration Points were selected as per customer request.

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Calibrated By:

(Calibration Engineer)

Approved by:

(Technical Manager)



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### CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	Calibrated On	6 111 11 22 6	
		Calibration Due On	Page No
2886158	05/07/2019	04/07/2020	
tails of Device und	lan Calibratia (DVICE)	04/07/2020	1 of 1

is of Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Agappe	Range: 20-200µl
Model: Mispai	Least Count: NA
SI. No: NW03159	DUC Condition on Receipt: OK
Id. No: NL/LAB/MP/002	Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60% (At the time of Calibration)

**Details of Test Equipment Used** 

Test Equipment	M		
	Manufacturer	Model	Serial No
Electronic weighing scale	Pentagon	EPS10T	
Thermo Hygrometer	HTC	1	E10T151189
	1110		

Calibrated At	Traceability	Certificate No	D .
Pentagon Electronic Scale		Certificate No	Date
Service	Government of Tamilnadu	1181631	16/03/2018
Quality Concepts	Scientific &Industrial Testing		
Quanty Concepts	&Research Centre	20190218	11/02/2019

#### Results:

SI. No	DUC Reading(µl)	Standard	Reading(µl)	
	g(h)	Trial 1	Trial 2	Correction (µl)
1	100	110	110	10
1	200	220	220	10
, to.		220	440	20

#### Note:

- Allowable Tolerance: ±10% μl
- 2. Calibration Points were selected as per customer request.
- 3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
- 4. Results Reported are valid at the time of and under the stated conditions of measurements.

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Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Certificate No	C 101		
	Calibrated On	Calibration Due On	Dam No
2886157	05/07/2019		Page No
Dotail CD 1		04/07/2020	l of l
Jetails of Device and	er Calibration (DUC)		1011

vice under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Agappe	Range: 2-20ul
Model: Mispai	Least Count: NA
SI. No: NW02748	DUC Condition on Receipt: OK
Id. No: NL/LAB/MP/001	Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60%

(At the time of Calibration)

Details of Test Equipment Used

Test Equipment		a-parent oscu	
	Manufacturer	Model	Serial No
Electronic weighing scale	Pentagon		
Thermo Hygrometer	- Triangeri	EPS10T	E10T151189
Thermo Hygrometer	HTC	1	
		4	444

Calibrated At	Traceability	C- 4'E : 3'	
Pentagon Electronic Scale	V	Certificate No	Date
Service	Government of Tamilnadu	1181631	16/03/2018
Quality Concepts	Scientific &Industrial Testing		
can't	&Research Centre	20190218	11/02/2019

#### Results:

SI. No	DUC Reading(µl)	ding(μl) Standard Reading(μl) Trial 1 Trial 2		
				Correction (µl)
1	2	2	2	
2	20	20	4	0
4	~0	20	21	0.5

#### Note:

- 1. Allowable Tolerance: ±1 μl
- 2. Calibration Points were selected as per customer request.
- 3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10
- 4. Results Reported are valid at the time of and under the stated conditions of mea

Calibrated By:

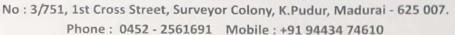
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#### **CALIBRATION CERTIFICATE**

Customer Name and Address: M/s. National lab,

Narimedu, Madurai.

Date:06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886162	05/07/2019	04/07/2020	1 of 2

#### Details of Device under Calibration(DUC):

DUC : Semi Auto Analyzer	Type: NA
Make: Erba	Range: NA
Model: Chem – 5 Plus	Least Count:NA
Serial No:NA	DUC Condition on Receipt:OK
ID.No: NL/LAB/SAA/001	Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60% (At the time of Calibration)

#### **Details of Test Equipment Used**

Test Equipment	Manufacturer	Model	Serial No
Electrical Safety Analyzer	Rigel	Safe test 60	41H-0958
Thermo Hygrometer	HTC	1	

Calibrated At	Traceability	Certificate No	Cal.Date
HS Calibration, Coimbatore	PSG College of Technology	3879	21/01/2019
Quality Concepts, Madurai	Scientific & Industrial Testing &Research Centre	20190218	11/02/2019

ELECTRICAL SAFETY: Please check the attached log sheet

#### Note:

1. Calibration Points were selected as per customer request.

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CIN: U33110TN2009PTC072140

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Customer Name & Address: M/s. National Lab,

Narimedu, Madurai.

Date: 06/07/2019

Cartificate N.	and the second s		
Certificate No	Calibrated On	Calibration Due On	Dage No
2886156	05/07/2019		Page No
The state of the s	03/07/2019	04/07/2020	1 of 1
Details of Device under	Calibration (DUC)		1 01 1

DUC: Centrifuge	Type: Electric
Make: Remi	Range: 0-4000rpm
Model: R-8C	Least Count: NA
SI. No: HGCL-10552	DUC Condition on Receipt: Ok
Id. No: VL/LAB/CEN/001	Department: Laboratory

Room Temperature: 25°C±2 Room Humidity: 30-60%

(At the time of Calibration)

**Details of Test Equipment Used** 

Iodel	Serial No
00015	or in the
-2234C	Y 00 4 7 7 1
-22340	L335794
1	
	1

Traceability	Certificate No	D /
AL IV		Date
Standards and Technology	08/071-01	06/08/2018
Scientific &Industrial Testing		
&Research Centre	20190218	11/02/2019
	Scientific &Industrial Testing	National Institute of Standards and Technology 08/071-01 Scientific &Industrial Testing

SI. No	DUC Reading(rpm)	Standard Deading		
1	1500	Standard Reading(rpm)	Correction(rpm)	
2		1490	10	
2	2500	2510	10	
3	3000		10	
	3000	3100	100	

#### Note:

- 1. Calibration Points were selected as per customer request.
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