

Ace Medical Solutions (India) Pvt. Ltd.

No : 3/751, 1st Cross Street, Surveyor Colony, K.Pudur, Madurai - 625 007.

Phone : 0452 - 2561691 Mobile : +91 94434 74610



GSTIN : 33AAHCA8053H1ZR • DL No. MDU/4205/208, MDU/3971/218 • CIN : U3310TN2009PTC072140

CALIBRATION CERTIFICATE

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

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886159	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: NA	Range: 0-50µl
Model: NA	Least Count: NA
SI No: YE3K041320	DUC Condition on Receipt: OK
Id. No: NL/LAB/MP/003	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	E10T151189
Thermo Hygrometer	HTC	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:

SI No	DUC Reading(µl)	Standard Reading(µl)		Correction (µl)
		Trial 1	Trial 2	
1	50	51	50	1

Note:

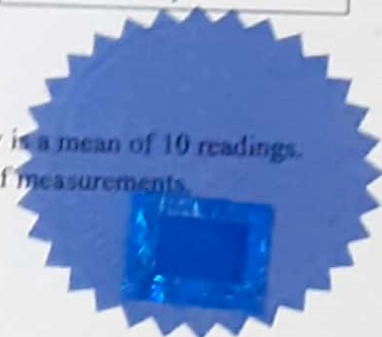
1. Allowable Tolerance: ±1 µl
2. Calibration Points were selected as per customer request.
3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
4. Results Reported are valid at the time of and under the stated conditions of measurements.

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	Calibration Due On	Page No
2886160	05/07/2019	05/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Mariliette	Range: 100µl-1000µl
Model: NA	Least Count: NA
Sl. 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	Serial No
Electronic weighing scale	Pentagon	EPS10T	E10T151189
Thermo Hygrometer	HTC	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:

Sl. No	DUC Reading(µl)	Standard Reading(µl)		Correction (µl)
		Trial 1	Trial 2	
1	100	100	105	5
2	500	500	500	0
3	1000	1000	1000	0

Note:

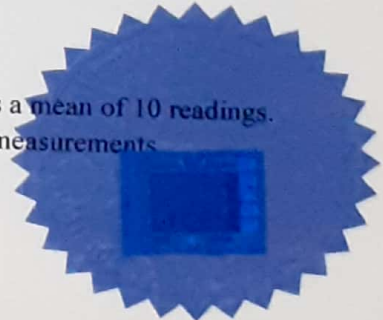
1. Allowable Tolerance: ±10% µl
2. Calibration Points were selected as per customer request.
3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
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Approved by:

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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: 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	3.3	3.3	0

Note:

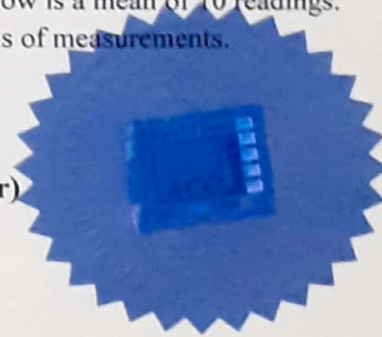
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2. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
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CALIBRATION CERTIFICATE

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

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
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

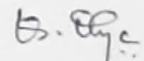
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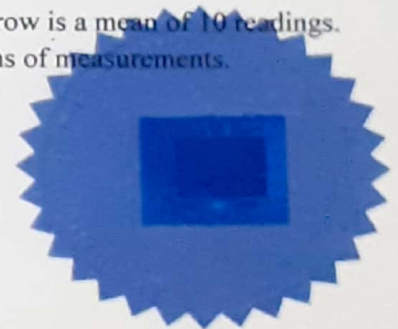
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CALIBRATION CERTIFICATE

Customer Name & Address: M/s. National Lab,
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Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886158	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Agappe	Range: 20-200µl
Model: Mispai	Least Count: NA
Sl. 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	Manufacturer	Model	Serial No
Electronic weighing scale	Pentagon	EPS10T	E10T151189
Thermo Hygrometer	HTC	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:

Sl. No	DUC Reading(µl)	Standard Reading(µl)		Correction (µl)
		Trial 1	Trial 2	
1	100	110	110	10
1	200	220	220	20

Note:

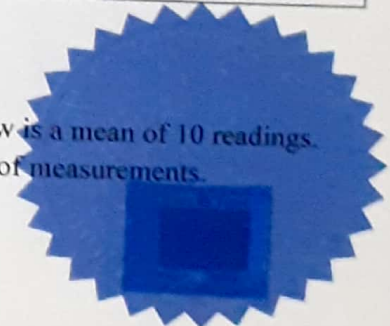
1. Allowable Tolerance: ±10% µl
2. Calibration Points were selected as per customer request.
3. Each reading were taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
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CALIBRATION CERTIFICATE

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

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886157	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

DUC: Micropipette	Type: Variable
Make: Agappe	Range: 2-20 μ l
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 \pm 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	E10T151189
Thermo Hygrometer	HTC	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:

SI. No	DUC Reading(μ l)	Standard Reading(μ l)		Correction (μ l)
		Trial 1	Trial 2	
1	2	2	2	0
2	20	20	21	0.5

Note:

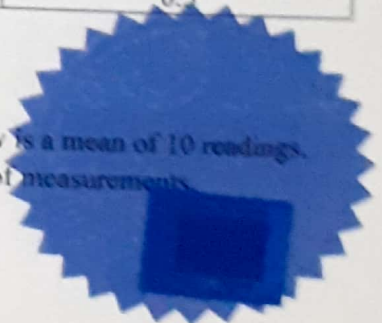
1. Allowable Tolerance: \pm 1 μ l
2. Calibration Points were selected as per customer request.
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CALIBRATION CERTIFICATE

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

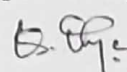
Note:

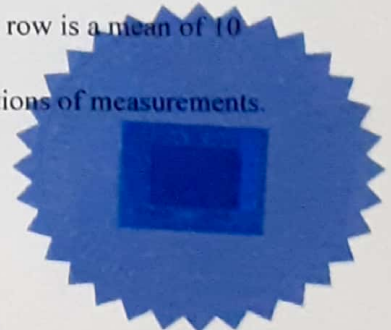
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CALIBRATION CERTIFICATE

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

Date: 06/07/2019

Certificate No	Calibrated On	Calibration Due On	Page No
2886156	05/07/2019	04/07/2020	1 of 1

Details of Device under Calibration (DUC):

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

Test Equipment	Manufacturer	Model	Serial No
Tachometer	LUTRON	DT-2234C	L335794
Thermo Hygrometer	HTC	1	----

Calibrated At	Traceability	Certificate No	Date
Faber Sindoori Management services, Chennai	National Institute of Standards and Technology	FSMS/CL/05/18-08/071-01	06/08/2018
Quality Concepts, Madurai	Scientific & Industrial Testing & Research Centre	20190218	11/02/2019

Results:

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

Note:

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