

Ace Medical Solutions (India) Pvt. Ltd.

An ISO 9001-2015 Certified Company

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/4205/20B,MDU/3971/21B • CIN : U33110TN2009PTC072140

CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0352
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Centrifuge	Id. No:	LAK/LAB/CEN/003
Make:	Kemi	Department:	Laboratory
Model:	C-6A	Calibrated On:	02/01/2022
Sl. No:	10776	Calibration Due Suggested:	01/01/2023
Type:	Manual	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 3500 / LC - 1		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Digital Tachometer	Mextech / DT-2234C	PC/01/21/ATL/0339-02	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

(At the time of Calibration)

Test Results:

SL.No.	DUC Reading (Position)	Standard Reading (RPM)	Correction (RPM)
1	Position1	2490	0
2	Position2	2490	0
3	Position3	2490	0
4	Position4	2490	0
5	Position5	2490	0

Allowable Tolerance: Set By Customer.

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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:
(Calibration Engineer)

B. Jeyaraj



Approved by:
(Technical Manager)

B. Jeyaraj

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CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0351
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Centrifuge	Id. No:	LAK/LAB/CEN/002
Make:	Remi	Department:	Laboratory
Model:	C852	Calibrated On:	02/01/2022
Sl. No:	HHLC 12733	Calibration Due Suggested:	01/01/2023
Type:	Manual	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 3500 / LC - 1		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Digital Tachometer	Mextech / DT-2234C	PC/01/21/ATL/0339-02	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

SL.No.	DUC Reading (Position)	Standard Reading (RPM)	Correction (RPM)
1	Position1	1570	0
2	Position2	2586	0
3	Position3	2847	0
4	Position4	2998	0
5	Position5	3064	0

Allowable Tolerance: Set By Customer.

Note:

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Calibrated By:
(Calibration Engineer)

B. J. C.

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Approved by:
(Technical Manager)

B. J. C.

☎ 93455 56140, 93455 56148



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CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0353
		Issuing Date:	03/01/2022
		Page No:	1 of 3

Details of Device under Calibration (DUC):

DUC:	ECG Recorder	Id. No:	LAK/LAB/ECG/ 001
Make:	BPL	Department:	Laboratory
Model:	108T - DIGI	Calibrated On:	02/01/2022
Sl. No:	17816	Calibration Due Suggested:	01/01/2023
Type:	Digital	DUC Condition on Receipt:	OK
Range & Least Count:	---		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	ECG Simulator	BM/Cardiosim II	FSMS/CL/05/20-08/NN050-02	28/07/2022
2	Electrical Safety Analyser	Rigel/SafeTest60	PSG/CIRD/BMCC/5507/2021	18/01/2022
3	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

Sl. No.	DUC Reading(BPM)	Standard Reading(BPM)	Correction(BPM)
1	50	50	0
2	75	75	0
3	90	90	0
4	100	100	0
5	120	120	0

Allowable Tolerance: ±1 BPM.

ESA Results:*Electrical Safety: Please check the attached log sheet

ECG Waveforms: *All leads and Zeroing please check the attached sheet

Note:

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(Calibration Engineer)

B. D. J.



Approved by:
(Technical Manager)

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CALIBRATION CERTIFICATE



Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0354
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Incubator	Id. No:	LAK/LAB/INC/001
Make:	Kemi	Department:	Laboratory
Model:	KIA - 1	Calibrated On:	02/01/2022
Sl. No:	8406	Calibration Due Suggested:	01/01/2023
Type:	0.35W Indirect	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 80°C / LC 2°C		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	RTD Thermometer	Center / RTD 375	PC/01/21/ATL/0107-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

(At the time of Calibration)

Test Results:

SL.No.	DUC Reading (°C)	Standard Reading (°C)	Correction (°C)
1	36.5	36.24	-0.26
2	37.0	36.76	-0.24
3	37.5	37.28	-0.22
4	38.0	37.79	-0.21
5	38.5	38.27	-0.23
6	39.0	38.80	-0.20

Allowable Tolerance: ±1 °C

Note:

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Calibrated By:
(Calibration Engineer)

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Approved by:
(Technical Manager)

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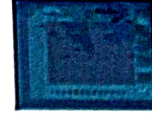
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Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0355
		Issuing Date:	03/01/2022
		Page No:	1 of 2

Details of Device under Calibration (DUC):

DUC:	Microscope	Id. No:	LAK/LAB/MS/001
Make:	Eric Bio Solutions	Department:	Laboratory
Model:	Inclined Research	Calibrated On:	02/01/2022
Sl. No:	BINO	Calibration Due Suggested:	01/01/2023
Type:	Binocular Opto Sys.	DUC Condition on Receipt:	OK
Range & Least Count:	---		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electrical Safety Analyser	RigelSafeTest60	PSG/CIRD/BMCC/5507/2021	18/01/2022
2	Digital Lux Meter	HTC/ LX - 103	PC/01/21/ATL/0194-02	22/01/2022
3	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

ESA Test Results:

SL.No	Parameter	ESA Reading	Unit	Normal Range	Condition
1	Current	32	mA	1	Normal
2	Frequency	50.0	Volts	49 -50	Normal
3	Mains Voltage Line - Neutral	235.1	Volts	220 - 240	Normal
4	Mains Voltage Line - Earth	236.8	Volts	220 - 240	Normal
5	Mains Voltage Neutral - Earth	5.6	Volts	< 7	Normal

*Electrical Safety: Please check the attached log sheet

SL.No.	Knob Position	DUC Reading (LUX)	Distance (Cm)
1	Low	800	30
2	High	8,300	

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Calibrated By:
(Calibration Engineer)

B. Jeyaraj



Approved by:
(Technical Manager)

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		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Refrigerator – Samples	Id. No:	LAK/LAB/REFS/001
Make:	LG	Department:	Laboratory
Model:	INTELL COOL	Calibrated On:	02/01/2022
Sl. No:	020727	Calibration Due Suggested:	01/01/2023
Type:	Blood Samples	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 8°C / LC 1°C		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	RTD Thermometer	Center / RTD 375	PC/01/21/ATL/0107-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

SL.No.	Place	DUC Reading (°C)	Standard Reading (°C)	Correction (°C)
1	Freezer	FRZ 1	0.23	0
2		FRZ 2	0.95	0
3	Chiller	CHI 1	3.98	0
4		CHI 2	4.74	0
5	Chamber I	CHA 1	5.12	0
6		CHA 2	5.34	0
7	Chamber II	CHA 1	6.19	0
8		CHA 2	6.41	0
9	Chamber III	CHA 1	7.33	0
10		CHA 2	7.56	0

Allowable Tolerance: User Defined

Note:

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Calibrated By:
(Calibration Engineer)

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Approved by:
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CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0357
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Refrigerator – Reagent	Id. No:	LAK/LAB/REFR/001
Make:	Haier	Department:	Laboratory
Model:	With Freezer	Calibrated On:	02/01/2022
Sl. No:	BT007WE0N00BQL360033	Calibration Due Suggested:	01/01/2023
Type:	Reagents	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 8°C / LC 1°C		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	RTD Thermometer	Center / RTD 375	PC/01/21/ATL/0107-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

SL.No.	Place	DUC Reading (°C)	Standard Reading (°C)	Correction (°C)
1	Freezer	FRZ 1	0.23	0
2		FRZ 2	0.95	0
3	Chiller	CHI 1	3.98	0
4		CHI 2	4.74	0
5	Chamber I	CHA 1	5.12	0
6		CHA 2	5.34	0
7	Chamber II	CHA 1	6.19	0
8		CHA 2	6.41	0
9	Chamber III	CHA 1	7.33	0
10		CHA 2	7.56	0

Allowable Tolerance: User Defined

Note:

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Calibrated By:
(Calibration Engineer)

B. S. S.

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Approved by:
(Technical Manager)

B. S. S.

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AMS
Healthcare

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

CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0358
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/001
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	JW05016	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	5µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	5	5	5	0

Allowable Tolerance: ±1%

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
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B. S. S.



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(Technical Manager)

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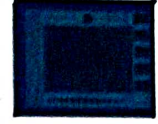
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CALIBRATION CERTIFICATE



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		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/002
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	MW11283	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	10µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	10	9.0	9.0	-1.0

Allowable Tolerance: ±1%

Note:

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2. Each reading was 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. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0360
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/003
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	HW03118	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	25µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

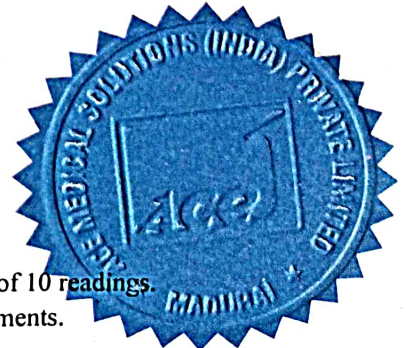
Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	25	28.0	28.0	+3.0

Allowable Tolerance: ±1%

Note:

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2. Each reading was 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. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0361
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/004
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	HW04724	Calibration	
Type:	Fixed Pipette	Due Suggested:	01/01/2023
Range & Least Count:	50µl	DUC Condition on Receipt:	OK

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	50	59.0	59.0	+9.0

Allowable Tolerance: User Defined

Note:

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



Calibrated By:
(Calibration Engineer)

B. S. S.



Approved by:
(Technical Manager)

B. S. S.

Ace Medical Solutions (India) Pvt. Ltd.

An ISO 9001-2015 Certified Company

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/4205/20B,MDU/3971/21B • CIN : U33110TN2009PTC072140

CALIBRATION CERTIFICATE



Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0362
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/005
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	13118650	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	100µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	100	90.0	90.0	-10.0

Allowable Tolerance: User Defined

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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:
(Calibration Engineer)

B. J. C.



Approved by:
(Technical Manager)

B. J. C.

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

CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0363
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/006
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	GJ31858	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	500µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	500	480.0	480.0	-20.0

Allowable Tolerance: User Defined

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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:
(Calibration Engineer)

B. P. C.



Approved by:
(Technical Manager)

B. P. C.

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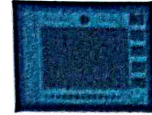
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GSTIN. 33AAHCA8053H1ZR • DL No. MDU/4205/20B,MDU/3971/21B • CIN : U33110TN2009PTC072140

CALIBRATION CERTIFICATE



Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0364
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Micro Pipette	Id. No:	LAK/LAB/FMP/007
Make:	Thermo	Department:	Laboratory
Model:	Finnpipette	Calibrated On:	02/01/2022
Sl. No:	NW08685	Calibration Due Suggested:	01/01/2023
Type:	Fixed Pipette	DUC Condition on Receipt:	OK
Range & Least Count:	1000µl		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

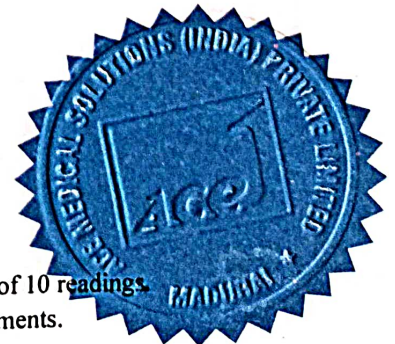
Test Results:

SL. No.	DUC Reading (µl)	Standard Reading (µl)		Correction (µl)
		Trial 1	Trial 2	
1	1000	1010.0	1010.0	+10.0

Allowable Tolerance: User Defined

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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:
(Calibration Engineer)

B. J. C.



Approved by:
(Technical Manager)

B. J. C.

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

CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0374
		Issuing Date:	03/01/2022
		Page No:	1 of 2

Details of Device under Calibration (DUC):

DUC:	Fully Auto Bio Chemistry Analyser	Id. No:	LAK/LAB/FAA/001
Make:	Bio Systems	Department:	Laboratory
Model:	A15C	Calibrated On:	02/01/2022
Sl. No:	83105C0659	Calibration Due Suggested:	01/01/2023
Type:	Fully Auto	DUC Condition on Receipt:	OK
Range & Least Count:	---		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electrical Safety Analyser	RigelSafeTest60	PSG/CIRD/BMCC/5507/2021	18/01/2022
2	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
3	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

ESA Test Results:

SL.No	Parameter	ESA Reading	Unit	Normal Range	Condition
1	Current	1225	mA	1500	Normal
2	Frequency	50.1	Hz	49 -50	Normal
3	Mains Voltage Line - Neutral	233.7	Volts	220 - 240	Normal
4	Mains Voltage Line - Earth	233.6	Volts	220 - 240	Normal
5	Mains Voltage Neutral - Earth	4.1	Volts	< 7	Normal

*Electrical Safety: Please check the attached log sheet

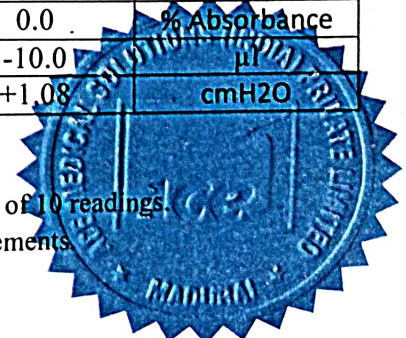
SL.No	Parameter	Measured	Standard	Correction	Unit
1	Lamp Voltage	11.72	12.00	-0.28	Volts
2	Detector Sensitivity	-0.00	0.0	0.0	% Absorbance
3	Sipper Volume	130	140	-10.0	µl
4	Peristaltic Pump pressure	-13.92	-15.0	+1.08	cmH2O

Note:

1. Calibration Points were selected as per customer request.
2. Each reading was 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:
(Calibration Engineer)

Approved by:
(Technical Manager)



93455 56140, 93455 56148

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

CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0375
		Issuing Date:	03/01/2022
		Page No:	1 of 2

Details of Device under Calibration (DUC):

DUC:	Colorimeter	Id. No:	LAK/LAB/COM/001
Make:	Coronation Instruments	Department:	Laboratory
Model:	Digital Analyser – M 03 - 08	Calibrated On:	02/01/2022
Sl. No:	703	Calibration Due Suggested:	01/01/2023
Type:	Digital	DUC Condition on Receipt:	OK
Range & Least Count:	---		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electrical Safety Analyser	RigelSafeTest60	PSG/CIRD/BMCC/5507/2021	18/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

Room Temperature: 25°C±2

Room Humidity: 30-60%

(At the time of Calibration)

ESA Test Results:

SL.No	Parameter	ESA Reading	Unit	Normal Range	Condition
1	Current	172	mA	500	Normal
2	Frequency	50.0	Hz	49 -50	Normal
3	Mains Voltage Line - Neutral	221.4	Volts	220 - 240	Normal
4	Mains Voltage Line - Earth	221.0	Volts	220 - 240	Normal
5	Mains Voltage Neutral - Earth	4.1	Volts	< 7	Normal

*Electrical Safety: Please check the attached log sheet

SL.No	Parameter	Measured	Standard	Correction	Unit				
1	Lamp Voltage	11.83	12.0	-0.17	Volts				
2	Detector Sensitivity	0.0	0.0	0.0	% Absorbance				
3	420	470	490	520	540	580	610	640	Nano meter
	0.00	-0.10	-0.11	-0.09	-0.12	+0.09	-0.07	-0.09	% Absorbance

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:
(Calibration Engineer)

B. S. S.



Approved by:
(Technical Manager)

B. S. S.

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CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0349
		Issuing Date:	03/01/2022
		Page No:	1 of 2

Details of Device under Calibration (DUC):

DUC:	Bio Chemistry Analyser	Id. No:	LAK/LAB/BCA/001
Make:	MERCK	Department:	Laboratory
Model:	Micro Lab - 300	Calibrated On:	02/01/2022
Sl. No:	10-5323	Calibration	
Type:	Semi Auto	Due Suggested:	01/01/2023
Range & Least Count:	---	DUC Condition on Receipt:	OK

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Electrical Safety Analyser	RigelSafeTest60	PSG/CIRD/BMCC/5507/2021	18/01/2022
2	Electronic Weighing Scale	EWC/SF400C	PC/01/21/ATL/0339-01	22/01/2022
3	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

ESA Test Results:

SL.No	Parameter	ESA Reading	Unit	Normal Range	Condition
1	Current	457.0	mA	800	Normal
2	Frequency	50.0	Hz	49 -50	Normal
3	Mains Voltage Line - Neutral	232.2	Volts	220 - 240	Normal
4	Mains Voltage Line - Earth	231.9	Volts	220 - 240	Normal
5	Mains Voltage Neutral - Earth	4.1	Volts	< 7	Normal

*Electrical Safety: Please check the attached log sheet

SL.No	Parameter	Measured	Standard	Correction	Unit
1	Lamp Voltage	11.86	12.00	-0.14	(mV)
2	Detector Sensitivity	-0.00	0.0	0.0	% Absorbance
3	Sipper Volume	300	350	+118	µl
4	Peristaltic Pump pressure	-12.86	-15.0	+2.14	cmH2O

Note:

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2. Each reading was taken by Repeatability Test (i.e.) each reading in a row is a mean of 10 readings.
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Calibrated By:
(Calibration Engineer)



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Approved by:
(Technical Manager)

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aceagm@gmail.com

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CALIBRATION CERTIFICATE

Customer Name & Address:	M/S. Lakshmi Lab Digital X Ray, 346, Thiruchuli Road, Aruppukottai – 626 101. Ph. 9843627209	Certificate No:	AMS/LAB/289/0350
		Issuing Date:	03/01/2022
		Page No:	1 of 1

Details of Device under Calibration (DUC):

DUC:	Centrifuge	Id. No:	LAK/LAB/CEN/001
Make:	Remi	Department:	Laboratory
Model:	R303	Calibrated On:	02/01/2022
Sl. No:	ZGIN 20567	Calibration Due Suggested:	01/01/2023
Type:	Manual	DUC Condition on Receipt:	OK
Range & Least Count:	0 – 4500 / LC - 1		

Traceability Details:

Sl.No.	Test Equipment	Make	Certificate Number	Valid Up to
1	Digital Tachometer	Mextech / DT-2234C	PC/01/21/ATL/0339-02	22/01/2022
2	Thermo Hygrometer	Beetech/088	PC/01/21/ATL/0194-01	22/01/2022

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

(At the time of Calibration)

Test Results:

SL.No.	DUC Reading (Position)	Standard Reading (RPM)	Correction (RPM)
1	Position1	1773	0
2	Position2	2495	0
3	Position3	2920	0
4	Position4	3124	0
5	Position5	3728	0

Allowable Tolerance: Set By Customer.

Note:

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(Calibration Engineer)

B. S. S.

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Approved by:
(Technical Manager)

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