

# Calyss :: Calyss Calibration & Testing Pvt. Ltd.

Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/01	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	
:	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument Name:	Micro Pipette	Instrumen	nt Sr. No.:	
Make:		Instrumen	nt Id No.:	
Model No.:		Location:		Lab
Range:	25 μl (Fixed)	DUC Cone	dition:	Ok
Readability:		Calibratio	n Performed at:	At Lab
•	its Used(Traceable to Na		on Performed at:	At Lab
Sr. No Ir	strument Name	Cert. No	Cal. By	Calibration Due Date

	Temperatur <del>e</del>	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

PMM/AB/9374/1

#### CALIBRATION RESULT

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in (mg)	Error (in μl)	Mean Value at 27°C (in μl)
1	25	24.65	0.35	24.65

Note: DUC\*: Device Under Calibration

Analytical Balance

Uncertainty of measurment at approx 95% Confidence Level with the second factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Priyank Sharma Calibration Engineer

Approved By:

PMM, Noida

Sandeep Sharma Director

31/05/2021

Note. 1. This Certificate only to the particular instrument submitted for calibration.

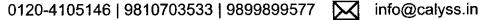
2. This Calibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

3. This particular certificate can not be reproduce except in full, without prior permission of CCTPL

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Facilities: Mechanical, Thermal, Electrotechnical

### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/02	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	0070272022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\*** Details

Instrument N	lame:	Micro Pipette	Instr	ument Sr. No.:	
Make:		••••	Instr	ument Id No.:	****
Model No.:		****	Loca	tion:	Lab
Range:		50 μl (Fixed)	DUC	Condition:	Ok
Readability:			Calibration Performed at:		At Lab
Standard Eq	uipment	ts Used(Traceable to N	National Standard)		
Sr. No	Ins	strument Name	Cert. No	Cal. By	Calibration Due Date
1	Δn	alutical Balance	PMM/AR/9374/1	PMM Noida	31/05/2021

F. 1	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	50	49.65	0.35	49.65

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Calibration Engineer

Approved By:

Sandeen Sharma

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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/03	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	03/02/2022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument Name:	Micro Pipette	Instrument Sr. No.:	
Make:		Instrument Id No.:	
Model No.:	••••	Location:	Lab
Range:	100 μl (Fixed)	DUC Condition:	Ok
Readability:		Calibration Performed at:	At Lab

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Analytical Balance	PMM/AB/9374/1	PMM, Noida	31/05/2021

Faring many Co. 3141.	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### **CALIBRATION RESULT**

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	100	99.75	0.25	99.76

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm$  1.1  $\mu$ l.

Calibrated By:

Calibration Engineer

Approved By:

Sandeep Sharma Director

1. This Certificate only to the particular instrument submitted for calibration.

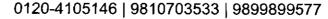
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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/04	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	33, 32, 232
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument N	ame:	Micro Pipette	Instru	Instrument Sr. No.:	
Make:			Instrument Id No.:		
Model No.:			Location		Lab
Range:	•	200 μl (Fixed)	DUC C	Condition:	Ok
Readability:	lity: Calibration Performed at:		At Lab		
Standard Equ	ıipmen	ts Used(Traceable to N	National Standard)		
Sr. No	Ins	strument Name	Cert. No	Cal. By	Calibration Due Date
1	An	alytical Balance	PMM/AB/9374/1	PMM, Noida	31/05/2021

T	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2°C	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### **CALIBRATION RESULT**

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in µl)
1	200	199.63	0.37	199.65

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Calibration Engineer

Approved By :

Director

1. This Certificate only to the particular instrument submitted for calibration.

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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/05	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	00,02,2022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument N	Instrument Name: Micro Pipette		***	Instrument Sr. No.:		****
Make: Model No.:			Instrument Id No.: Location:			
					Lab	
Range: 250 µl (Fixed)		·	DUC Condition:		Ok	
Readability:			Calibration Performed at:		At Lab	
Standard Eq	uipmen	ts Used(Traceable to I	National Standard)			
Sr. No	Ins	strument Name	Cert. No		Cal. By	Calibration Due Date
1	An	alytical Balance	PMM/AB/937	4/1	PMM, Noida	31/05/2021

Employment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### CALIBRATION RESULT

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	250	249.45	0.55	249.47

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Calibration Engineer

Approved By:

Director

1. This Certificate only to the particular instrument submitted for calibration.

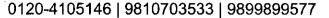
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Facilities: Mechanical, Thermal, Electrotechnical

#### Calibration Certificate

Certificate No.:	CCTDL (20 01/04	- Continuate	
	CCTPL/28-01/06	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	03/02/2022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument Name	: Micro Pipette	Instrum	nent Sr. No.:	<del>                                     </del>
Make:			Instrument Id No.:	
Model No.:		Location:		Lab
Range:	5 - 50 μl	DUC C	ondition:	Ok
Readability:	0.1 μ1	Calibration Performed at:		At Lab
Readability: Standard Equipm	0.1 μl ents Used(Traceable to Na	Calibra	Calibration Performed at:	
Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Da

SF. 140	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Analytical Balance	PMM/AB/9374/1	PMM, Noida	31/05/2021
	Temperatu	re Humidity Defen		

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure
	23±2°C	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### CALIBRATION RESULT

Sr. No.	DUC Value (in μl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C
1	10	9.85	0.15	9.85
2	25	24.78	0.22	24.78
3	50	49.68	0.32	49.68

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k=2, is  $\pm$  1.1  $\mu l$ .

Calibrated By:

Priyank Sharma

Calibration Engineer

Approved By:

Director

1. This Certificate only to the particular instrument submitted for calibration.

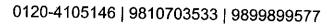
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Facilities: Mechanical, Thermal, Electrotechnical

### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/07	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	03/02/2022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument N	ame: Micro Pipette	Instri	ment Sr. No.:	
Make:			ment Id No.:	
Model No.:		Locat	ion:	Lab
Range:	5 - 50 µl	DUC	Condition:	Ok
Readability:	0.1 μl	Calib	ration Performed at:	At Lab
Standard Equ	ipments Used(Traceab	e to National Standard)		<u> </u>
Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Analytical Balance	PMM/AB/9374/1	PMM, Noida	31/05/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure
Davis on ment Condition	23±2°C	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### CALIBRATION RESULT

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	10	9.85	0.15	9.85
2	25	24.78	0.22	24.78
3	50	49.68	0.32	49.68

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Priyank Sharma

Calibration Engineer

Approved By:

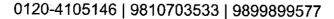
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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/08	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	VV. V=,=V==
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument N	lame:	Micro Pipette		Instrument Sr. No.: Instrument Id No.:		
Make:		***				****
Model No.:				Location:		Lab
Range:		10 - 100 μl		DUC Cond	lition:	Ok
Readability:		5 μl		Calibration	Performed at:	At Lab
Standard Equ	uipment	ts Used(Traceable to N	National Standard)			
Sr. No	Ins	strument Name	Cert. No		Cal. By	Calibration Due Date
1	An	alytical Balance	PMM/AB/937	4/1	PMM, Noida	31/05/2021

F	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### **CALIBRATION RESULT**

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Errer (in µl)	Mean Value at 27°C (in μl)
1	10	9.84	0.16	9.84
2	50	24.91	25.09	24.91
3	100	99.84	0.16	99.85

Note: DUC\*: Device Under Calibration

Uncertainty of measurement at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Calibration Engineer

Approved By:

1. This Certificate only to the particular instrument submitted for calibration.

2. This Calibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

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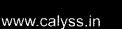
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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/09	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument N	ame: Micro Pipette	Instrum	ent Sr. No.:	
Make:		Instrum	ent Id No.:	
Model No.:		Locatio	n:	Lab
Range:	10 - 100 μl	DUC C	ondition:	Ok
Readability:	5 μ1	Calibra	tion Performed at:	At Lab
Standard Equ	ipments Used(Traceable to I	National Standard)	<del>-</del>	_
Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Analytical Balance	PMM/AB/9374/1	PMM, Noida	31/05/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure
	23± <b>2°</b> ℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### CALIBRATION RESULT

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	100	99.62	0.38	99.63
2	500	499.13	0.87	499.17
3	1000	998.73	1.27	998.81

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 1.1 \mu l$ .

Calibrated By:

Priyank Sharma Calibration Engineer

Approved By:

1. This Certificate only to the particular instrument submitted for calibration.

2. This Caliibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

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Facilities: Mechanical, Thermal, Electrotechnical

#### Calibration Certificate

Certificate No.:	CCTPL/28-01/24	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\*** Details

Instrument Name:	Biosystem	Instrument Sr. No.:	***************************************
Make:		Instrument Id No.:	
Model No.:	BTS - 350	Location:	Lab
Range:	37 °C	DUC Condition:	OK
Readability:	0.1 °C	Calibration Performed at:	At Site

Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	RTD with Indicator	CCTPL/R/RTD/01	CCTPL, Noida	17/01/2021

D	Temperature	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	25±5°C	55±10%RH	DKD-R-5-7	CCTPL/TH/CP/05S

Calibration Result

Sr. No.	Nominal Temperature (°C)	Standard Reading (°C)	DUC* Reading (°C)	Deviation (°C)	Expanded Uncertainty ±(°C)
1	37	36.231	37	0.769	1.3

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2.

Calibrated By:

Priyank Sharma Calibration Engineer

pproved By:

Director

Note. 1. This Certificate only to the particular instrument submitted for calibration.

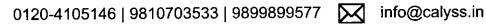
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Facilities: Mechanical, Thermal, Electrotechnical

#### Calibration Certificate

Certificate No.:	CCTPL/28-01/25	Field:	Mechanical	
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021	
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021	
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022	
	Mother Taresa Road, Padri Bazar,	As per agreed by customer		
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021	

#### **DUC\*** Details

Instrument Name:	DTC With Sensor (Incubator)	Instrument Sr. No.:	
Make:	Ambassador	Instrument Id No.:	
Model No.:		Location:	Lab
Range:	0 - 99.9 °C	DUC Condition:	· OK
Readability:	0.1 °C	Calibration Performed at:	At Site

#### Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	RTD with Indicator	CCTPL/R/RTD/01	CCTPL, Noida	17/01/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	25±5°C	55±10%RH	DKD-R-5-7	CCTPL/TH/CP/05S

Calibration Result

Sr. No.	Nominal Temperature (°C)	Standard Reading (°C)	DUC* Reading (°C)	Deviation (°C)	Expanded Uncertainty ±(°C)
l	37	37.125	37	-0.125	1.3

NCIDA

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level vetting overage factor k = 2.

Calibrated By:

Priyank Sharma

Calibration Engineer

Approved By:

Director

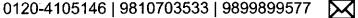
Note. 1. This Certificate only to the particular instrument submitted for calibration.

2. This Calibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

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Facilities: Mechanical, Thermal, Electrotechnical

#### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/28	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\*** Details

Instrument Name:	Water Bath	Instrument Sr. No.:	
Make:		Instrument Id No.:	
Model No.:		Location:	Lab
Range:	0-300 °C	DUC Condition:	OK
Readability:	1°C	Calibration Performed at:	At Site

#### Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	RTD (PT 100) with Indicator	CCTPL/R/RTD/01	CCTPL, Noida	17/01/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	25±5℃	55±10%RH	DKD-R-5-7	CCTPL/TH/CP/05S

#### Calibration Result

Sr. No.	Nominal Temperature	Standard Reading	DUC* Reading	Deviation	Expanded Uncertainty
	(°C)	(°C)	(°C)	(°C)	±(°C)
1	10	10.268	10	-0.3	1.0
2	50	50.238	50	-0.4	1.0
3	150	150.433	150	-0.4	1.0
4	250	249.566	249	-0.6	1.0
5	300	300.606	301	0.6	1.0

The above reading are average of 10 measurement reading.

Note: DUC\*: Device Under Calibration

Uncertainty of measurement at approx 95% Confidence Level with coverage factor k = 1.96.

Calibrated By:

Blamy Priyank Sharma

Calibration Engineer

Director

Note 1. This Certificate only to the particular instrument submitted for calibration.

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- 3. This particular certificate can not be reproduce except in full, without prior permission of CCTPL.

`--- End of Certificate ---

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0120-4105146 | 9810703533 | 9899899577





Facilities: Mechanical, Thermal, Electrotechnical

### **Calibration Certificate**

	<del></del>		
Certificate No.:	CCTPL/28-01/40	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	02/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	03/02/2022
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument Name:	Water Bath	Instrument Sr. No.:	
Make:		Instrument Id No.:	/
Model No.:		Location:	Lab
Range:	0-300 °C	DUC Condition:	OK
Readability:	1°C	Calibration Performed at:	At Site

#### Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	RTD (PT 100) with Indicator	CCTPL/R/RTD/01	CCTPL, Noida	17/01/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	25±5°C	55±10%RH	DKD-R-5-7	CCTPL/TH/CP/05S

#### Calibration Result

ı	Sr. No.	Nominal Temperature	Standard Reading	DUC* Reading	Deviation	Expanded Uncertainty
ļ		(°C)	(°C)	(°C)	(°C)	±(°C)
-	1	10	10.268	10	-0.3	1.0
ı	2	50	50.238	50	-0.4	1.0
	3	150	150.433	150	-0.4	1.0
•	4	250	249.566	249	-0.6	1.0
l	5	300	300.606	301	0.6	1.0

The above reading are average of 10 measurement reading.

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 1.96.

Calibrated By:

Calibration Engineer

pproved By:

Director

Note 1. This Certificate only to the particular instrument submitted for calibration.

2. This Caljibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

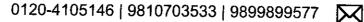
NCIDA

3. This particular certificate can not be reproduce except in full, without prior permission of CCTPL.

`--- End of Certificate ---

Page 1 of 1







info@calyss.in



Facilities: Mechanical, Thermal, Electrotechnical

#### Calibration Certificate

Certificate No.:	CCTPL/28-01/26	Field:	Mechanical
SRF No.:	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
	Mother Taresa Road, Padri Bazar,	As per agreed by customer	1
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

Instrument Name:	Pressure Gauge (Autoclave)	Instrument Sr. No.:	****
Make:	Electron	Instrument Id No.:	
Model No.:		Location:	Lab
Range:	0-150 lb/ln2	DUC Condition:	Ok
Readability	5 lb/ln2	Calibration Performed at:	At Site

#### Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Digital Pressure Gauge	CC205520000000825F	Testneal	01/12/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
Environment Condition	23±5°C	55±10%RH	Comparison Method	CCTPL/ME/CP/31

#### Calibration Result

			Std.	Reading			
Sr. No.	DUC Reading (lb/ln²)	Ascending (M1) (bar)	Decending (M2) (bar)	Ascending (M3) (bar)	Average ((M1+M3)/2+M 2)/2 (bar)	Std. Reading (lb/ln²)	Error (lb/ln²)
1	0	0.000	0.000	0.000	0.000	0.000	0.000
2	50	3.503	3.504	3.509	3.505	50.808	-0.808
3	100	7.023	7.019	7.029	7.023	101.849	-1.849
4	150	10.505	10.508	10.509	10.508	152.349	-2.349

NCIDA

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 2.1$  bar.

Calibrated By:

Priyank Sharma Calibration Engineer

Approved By:

Director

Note. 1. This Certificate only to the particular instrument submitted for calibration.

2. This Calibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

3. This particular certificate can not be reproduce except in full, without prior permission of CCTPL.

'--- End of Certificate ---







Facilities: Mechanical, Thermal, Electrotechnical

### **Calibration Certificate**

Certificate No.:	CCTPL/28-01/27	Field:		
SRF No.:	CCTPL/0101/01	<del></del>	Mechanical	
	<del></del>	Date of Receipt:	03/02/2021	
SRF Date:	03/02/2021	Date of Calibration:	04/02/2021	
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022	
	Mother Taresa Road, Padri Bazar,	As per agreed by customer		
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021	

#### **DUC\* Details**

Instrument Nam	e: Pressure Gauge (Autoclave)	Instrument Sr. No.:	
Make:	Electron	Instrument Id No.:	
Model No.:		Location:	Lab
Range:	0-150 lb/ln2	DUC Condition:	Ok
Readability	5 lb/ln2	Calibration Performed at:	At Site

#### Standard Equipments Used(Traceable to National Standard)

Sr. No	Instrument Name	Cert. No	Cal. By	Calibration Due Date
1	Digital Pressure Gauge	CC205520000000825F	Testneal	01/12/2021

Environment Condition	Temperature	Humidity	Reference Standard	Calibration Procedure No.
	23±5°C	55±10%RH	Comparison Method	CCTPL/ME/CP/31

#### Calibration Result

		Std. Reading					
Sr. No.	DUC Reading (lb/ln²)	Ascending (M1) (bar)	Decending (M2) (bar)	Ascending (M3) (bar)	Average ((M1+M3)/2+M 2)/2 (bar)	Std. Reading (lb/ln²)	Error (lb/ln²)
1	0	0.000	0.000	0.000	0.000	0.000	0.000
2	50	3.501	3.500	3.503	3.501	50.808	-0.808
3	100	7.021	7.020	7.024	7.021	101.849	-1.849
4	150	10.508	10.506	10.509	10.507	152,349	-2.349

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is  $\pm 2.1$  bar.

Calibrated By:

Priyank Sharma

Calibration Engineer

Approved By:

Director

Note. 1. This Certificate only to the particular instrument submitted for calibration.

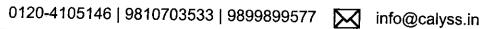
2. This Calibration Result reported in this certificate valid at the time of and under the stated condition of measurement.

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'--- End of Certificate ---











### REMISALES & ENGINEERING LIMITED

B- 25, 2nd Floor, B Block Community Center, Janakpuri, New Delhi - 110 058

Phone: 011 - 28502666 Fax: 011 - 25573170

E-mail: delhi@remigroup.com

#### CALIBRATION

CUSTOMER / BRANCH: M/s. M/s. Blood Bank, Fatima Hospital, Gorakhpur

DISCRIPTION OF MODEL: LAB CENTRIFUGE

MODEL: NEYA 4

**SR.NO: ZEBN-07662** 

CERTIFICATE NO: REMI/0316/2019-20

CALIBRATION DATE: 08/02/2020

CALIBRATION VALIDITY: 07/08/2020

### DETAILS OF EQUIPMENT USED FOR CALIBRATION

Description	Certified by	Certificate No.	Calibration Date	Validity
Digital Tachometer	Classic Instrumentation Pvt. Ltd.	CI/2K19- 2K20/05/ME006	02/05/2019	01/05/2020

#### **OBSERVATIONS**

Sr. No.	Instrument speed SET (RPM)	Speed reading on Tachometer (RPM)	Diff, in Actual & Tachometer (RPM)	Calibration Date	Remark
1.	2500(RPM)	2517(RPM)	17(RPM)	08/02/2020	O.K
2.	3000(RPM)	3019(RPM)	19(RPM)	08/02/2020	O.K

- Remark: 1. Calibration Traceable to national standards.
  - 2. Overall Deviation is within specified accuracy.
  - 3. Results are related only to the item calibrated.
  - 4. Maximum tolerance permissible is  $\pm$  1°C &  $\pm$  5°C whichever is applicable & RPM 1.5% - 2% FSD. &  $\pm$  5g. to set weight.

Calibrated by: Mr. Vineet Kumar

#### **SALES & SERVICE BRANCHES:**



### REMISALES & ENGINEERING LIMITED

B- 25, 2nd Floor, & Block Community Center, Janakpuri, New Delhi - 110 05i

Phone: 011 - 28502666 Fax: 011 - 25573170

E-mail : delhi@remigroup.com

#### CALIBRATION

CUSTOMER / BRANCH: M/s. Blood Bank, Fatima Hospital, Gorakhpur

DISCRIPTION OF MODEL: LAB REFRIGERATOR

MODEL: SEROCOOL 400

SR.NO: ZFGC-23704

CERTIFICATE NO: REMI/ 0313/2019-20

CALIBRATION DATE: 02/01/2020

CALIBRATION VALIDITY: 01/06/2020

DETAILS OF EQUIPMENT USED FOR CALIBRATION						
Description	Certified by	Certificate No.	Calibration Date	Validity		
Digital Temperature Indicator	Classic Instrumentation Pvt. Ltd.	CI/2K19- 2K20/05/TH005	02/05/2019	01/05/2020		

### **OBSERVATIONS**

Sr. No.	Instrument Temp. Displayed (°C)	Indicator Temp. (°C)	Temperature Deviation	Calibration Date	Remark
<u> </u>	4°C	4.2°C	0.2°C	02/01/2020	O.K
2	<u> </u>				

- Remark: 1. Calibration Traceable to national standards.
  - 2. Overall Deviation is within specified accuracy.
  - 3. Results are related only to the item calibrated.
  - 4. Maximum tolerance permissible is ± 1°C & ± 5°C whichever is applicable & RPM 1.5% - 2% FSD. &  $\pm 5g$ . to set weight.

Calibrated by: Mr. Vineet Kumar



Transasia Bio - Medicals Ltd., House No. B-1/50, Sector - B (Near Hanuman Mandir, Nirala Nagar Flyover) Aliganj, Lucknow - 226024 TelFax: +91 522 4430 900 Email: nz2@transasia.co.in CIN: U33110MH1985PLC036198



Date: 01/07/2019

#### Certificate of Calibration

Customer Name: FATIMA HOSPITAL

Model: Fully Automated Bio-Chemistry Analyzer EM-200

Serial No.: B2001646

Calibration done date: 01/07/2019

Next Calibration due Date: 01/07/2020

Lab In charge: Dr. Aditi Kumar

This is to certify that above mentioned product has been verified of calibration

Checking Lamp Voltage 11.9V

Checking gain of Photo meter for all wavelength values obtained are as under:

Filter	340	405	505	546	578	600	660	700
Gain	435	482	485	494	415	426	476	467

Checked calibration of probe on all locations.

Checked temperature at Reagent tray at 8.0 degree (Range 4 to 11 degree) and reaction tray 37.2 degree (Range 36.5 to 37.5 Degree)

Followed by calibration of all the three types of chemistries (picked up CHOL, CREAT and SGPT) and QC run with satisfactory values of QC

Calibration at site performed by Mr. Shivarchan Pandey.

Authorized Signatory (Mr. Shivarchan Pandey) Application Specialist

For Transasia Bio-Medicals Ltd.





Transasia Bio - Medicals Ltd., House No. B-1/50, Sector - B (Near Hanuman Mandir, Nirala Nagar Flyover) Aligany, Lucknow - 226024 TelFax: +91 522 4430 900 Email: nz2@transasia.co.in CIN: U33110MH1985PLC036198

Date: 01/07/2019

\*\* Free gar of the contract of



#### Certificate of Calibration

Customer Name: FATIMA HOSPITAL

Model: Fully Automated Bio-Chemistry Analyzer EM-200

Serial No.: B2001646

Calibration done date: 01/07/2019

Next Calibration due Date: 01/07/2020

Lab In charge: Dr. Aditi Kumar

This is to certify that above mentioned product has been verified of calibration By

Checking Lamp Voltage 11.9V

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Calibration at site performed by Mr. Shivarchan Pandey.

Authorized Signatory (Mr. Shiyarchan Pandey) Application Specialist

www.franss.ja.jp.cm

For Transasia Bio-Medicals Ltd.







PH.: 0120-4252360-65, Email: pmmpl.india@gmail.com

Website: www.pmmpl.in, www.parashar.info

(NABL ACCREDITED LABORATORY)





					<u> </u>	·	Page 1 of 1
Certific	ate Number : CA	L/PG/S/466350	3		Date of Reques	t	15.12.2018
Calibrat	ted For	M/s. Fatima H	ospital		Calibrated on		19.12.2018
			Road, Padri Baza		Valid Upto		18.12.2019
		Gorakhpur, Ut	tar Pradesh - 2730	14	Cert. Issue Date	<u> </u>	21.12.2018
			Descrip	tion of Sample			<del></del>
Nomeno	clature	Pressure	e Gauge	Accuracy/C	lass	Not Mention	ed
Range		0 - 2 kg/	0 - 2 kg/cm <sup>2</sup> Condition of UUC		of UUC	Physically Ok	
Resolut	tion	0.05 kg/	cm²	Calibration	Performed at	At Site	
Make &	Model No.		•	Calibration	Procedure No.	CP/M/P/S/01	
Serial N	lo.			Reference l	S Standard	IS: DKD - R6 - 1	
Party ID	Mark			Environme	ntal Condition	Temperatur	e = 23 ± 5° C
Location	n	Laborato	гу			Humidity = 4	10 to 70%RH
			Master Equipn	nent / Standard U	sed		
Sr.No.	Nomenciature	Make	Serial No. / I/D Mark	Calibrated Fr	om Certi	ficate No.	Due Date of Calibration
1	Dig. Pressure Gauge	VE	PMM/PG/07	PMMPL, Noi	da PMM	I/PG/1082	09.10.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULTS						
Sr.No.	Nominal Value in UUC	Actual Obse	erved Value in Std.	Error		
	(in kg/cm²)	(in bar)	(in kg/cm²)	(in kg/cm²)		
1	0.0	0.000	0.000	0.000		
2	0.5	0.502	0.512	-0.012		
3	1.0	0.998	1.018	-0.018		
4	1.5	1:497	1.527	-0.027		
5	2.0	1.997	2.036	-0.036		
6·	1.5	1.491	1.520	-0.020		
7	1.0	0.994	1.014	-0.014		
8	0.5	0.499	0.509	-0.009		
9	0.0	0.000	0.000	0.000		

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.15$  kg/cm<sup>2</sup>

Calibrated By : Rajesh Gupta Designation : Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.

Conditions: 1. This certificate refers only to the particular item submitted for calibration. 2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement. 3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.





## Parashar Micro Measurement Pvt. Itd.





B-59, SECTOR-64, NOIDA (U.P.) 201 307

PH.: 0120-4252360-65, Email: pmmpl.india@gmail.com

Website: www.pmmpl.in, www.parashar.info

(NABL ACCREDITED LABORATORY)

Calibration Certificate

		·	Page 1 of 1
Certificate Numbe	r : CAL/WB/S/466355	Date of Request	15.12.2018
Calibrated For	M/s. Fatima Hospital	Calibrated on	19.12.2018
	Mother Teresa Road, Padri Bazar PO,	Valid Upto	18.12.2019
	Gorakhpur, Uttar Pradesh - 273014	Cert. Issue Date	21 12 2018

Description of Sample					
Nomenclature	Water Bath (Thermostat)	Accuracy/Class	Not Mentioned		
		Condition of UUC	Physically Ok		
Range	0 to 110 ° C	Calibration Performed at	At Site		
Resolution	5° C	Calibration Procedure No.	CP/T - 03		
Make & Model No.	Ambassador	Reference IS Standard	IS:7358 - 1984		
Serial No.		Environmental Condition	Temperature = 25 ± 5° C		
Party ID Mark	*********		Humidity = 40 to 70% RH		
Location	Laboratory		10 10 10 10 10 10 10 10 10 10 10 10 10 1		

Master Equipment / Standard Used Serial No. / Due Date of Sr.N. Nomenclature Make **Calibrated From** Certificate No. I/D Mark Calibration PMM/RTD/03 Tempsens Tempsens RTD With Dig. Indicator TL/218/109.1.1 06.05.2019 Fluke PMM/CTR/01 Udaipur

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULTS					
Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)			
35	34.62	0.38			
40	39.48	0.52			
50	49.32	0.68			
60	59.10	0.90			
80	78.86	1.14			
	35 40 50 60	Nominal Value in UUC (in ° C) Actual Observed Value in Std. (in ° C)  35 34.62 40 39.48 50 49.32 60 59.10			

**UUC - Unit Under Calibration** 

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) = ± 3.3 ° C

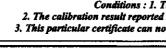
Calibrated By : Raje

Designation : Calibration Engineer



Approved By : Moh. Igbal

Designation: Tech Manager / Auth. Sign.



Conditions: 1. This certificate refers only to the particular item submitted for calibration. 2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement. 3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.







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Website: www.pmmpl.in, www.parashar.info

(NABL ACCREDITED LABORATORY)

Lutron





	···-						Page 1 of 1
Certificate Calibrated		M/s. Fatima H Mother Teresa		Cal ar PO, Val	e of Reques ibrated on id Upto t. Issue Date		15.12.2018 19.12.2018 18.12.2019 21.12.2018
			Descrip	tion of Sample			
Nomenclat Range Resolution Make & Mo Serial No. Party ID Ma Location	ı odel No.	Centrifu 0 - 6000 10 rpm Remi ZEBN -  Laborato	rpm 07662	Accuracy/Class Condition of Ut Calibration Peri Calibration Pro Reference IS St Environmental	IC formed at cedure No. andard		)k
			Master Equipm	nent / Standard Used			
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	Certi	ficate No.	Due Date of Calibration

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

**PMM/TM/01** 

CALIBRATION RESULTS					
Sr.No.	Nominal Value in UUC (in rpm)	Actual Observed Value in Std. (in rpm)	± Uncertainty in Measurement (in %)		
1	1000	998.9	5.8		
2	2000	1997	2.9		
3	3000	2995	1.9		
4	4000	. 3992	1.2		
5	5000	4990	1.2		
6	6000	5988	1.2		

**PMMPL** 

**UUC - Unit Under Calibration** 

Dig. Tachometer

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2)

Calibrated By : Rajesh Gupta
Designation : Calibration Engineer

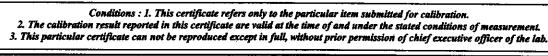


Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.

PMM/TM/1075

11.09.2019







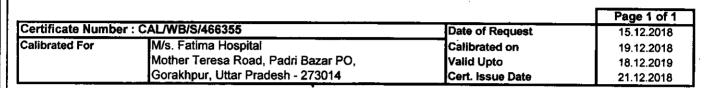


PH.: 0120-4252360-65, Email: pmmpl.india@gmail.com

Website: www.pmmpl.in, www.parashar.info

(NABL ACCREDITED LABORATORY)

Calibration Certificate



Description of Sample					
Water Bath (Thermostat)	Accuracy/Class	Not Mentioned			
	Condition of UUC	Physically Ok			
0 to 110 ° C	Calibration Performed at	At Site			
5° C	Calibration Procedure No.	CP/T - 03			
Ambassador	Reference IS Standard	IS:7358 - 1984			
<del></del>	Environmental Condition	Temperature = 25 ± 5° C			
<b></b>		Humidity = 40 to 70% RH			
Laboratory					
	Water Bath (Thermostat)  0 to 110 ° C  5° C  Ambassador	Water Bath (Thermostat)  Accuracy/Class Condition of UUC  O to 110 ° C  S° C  Ambassador  Ambassador  Calibration Procedure No.  Reference IS Standard  Environmental Condition			

			master Equip	ment / Standard Use	<u>a                                     </u>	
Sr.N.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration
1	RTD With Dig. Indicator	Tempsens Fluke	PMM/RTD/03 PMM/CTR/01	Tempsens Udaipur	TL/218/109.1.1	06.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

S.N.	Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)	
1	35 .	34.62	0.38	
2	40	39.48	0.52	
3	50	49.32	0.68	
4	60	59.10	0.90	
5	80	78.86	1.14	

UUC - Unit Under Calibration Std. - Standard Instrument

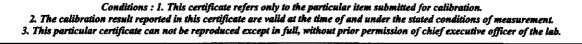
Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 3.3$  ° C

Calibrated By : Raje

Designation : Calibration Engineer

Approved By : Moh.

Designation: Tech Manager / Auth. Sign.







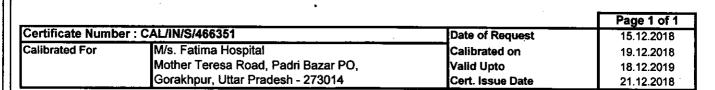


PH.: 0120-4252360-65, Email : pmmpl.india@gmail.com

Website: www.pmmpl.in, www.parashar.info

(NABL ACCREDITED LABORATORY)

- Calibration Certificate



Description of Sample						
Nomenclature	Incubator	Accuracy/Class	Not Mentioned			
'	(Thermostat)	Condition of UUC	Physically Ok			
Range	0 to 110 ° C	Calibration Performed at	At Site			
Resolution	5° C	Calibration Procedure No.	CP/T - 03			
Make & Model No.	Ambassder	Reference IS Standard	IS:7358 - 1984			
Serial No.		Environmental Condition	Temperature = 25 ± 5° C			
Party ID Mark	·		Humidity = 40 to 70% RH			
Location	Laboratory		, i			
	Maeter Fo	uinment / Standard Head	<del></del>			

·	mader Edulphiett, amitana anda.								
Sr.N.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration			
1	RTD With Dig. Indicator	Tempsens Fluke	PMM/RTD/03- PMM/CTR/01	Tempsens Udaipur	TL/218/109.1.1	06.05.2019			

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS						
S.N.	Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)				
1	35	35.23	-0.23				
2	40	40.30	-0.30				
3	50	50.46	-0.46				
4	60	60.62	-0.62				
5	80	. 80.89	-0.89				

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 3.3 \,^{\circ}$  C

Calibrated By : Rajesh Gupta

Designation : Calibration Engineer



Mobilished Ry Mobilished

Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.

Conditions: 1. This certificate refers only to the particular item submitted for calibration.

2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.

3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.





Parashar Micro Measurement Pvt. Itd.





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### -Calibration Certificate

							Page 1 of 1	
Certific	ate Number : CAL	/BM/S/46635	2	1	Date of Request			
Calibrated For M/s.		/l/s. Fatima H	ospital		Calibrated on		19.12.2018	
			Road, Padri Baza		/aiid Upto		18.12.2019	
•		Sorakhpur, Ut	tar Pradesh - 2730	14 (	ert. Issue Date		21.12.2018	
			Descrip	tion of Sample				
Nomeno	clature	Blood M	ixer	Accuracy/Cla	uss:	Not Mention	ed	
Range		Refer to	Result	Condition of	UUC	Physically Ok		
Resolut	ion			Calibration P	erformed at	At Site	!	
Make &	Model No.	Lab line	Lab line Equipment •		Calibration Procedure No.   CP/I		P/M/MV/S/03	
Serial N	0.				Reference IS Standard			
Party ID	Mark			Environment	al Condition		ure = 23 ± 5° C	
Locatio	n	Laborato	у			Humidity = 4	10 to 70%RH	
			Master Equipn	nent / Standard Us	ed			
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	m Certi	Certificate No. Due Date		
1	Dig. Tachometer	Lutron	PMM/TM/01	PMMPL	PMM	/TM/1075	11.09.2019	

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS						
Sr.No.	Actual Observed Value in Std. (in rpm)	± Uncertainty in Measurement (in %)					
1	29.8	1.7					

UUC - Unit Under Calibration

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2)

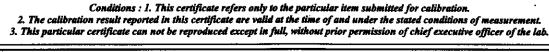
Calibrated By : Rajesh Gupta

Designation : Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.







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	·		Page 1 of 1
Certificate Numbe	15.12.2018		
Calibrated For	M/s. Fatima Hospital	Calibrated on	19.12.2018
	Mother Teresa Road, Padri Bazar PO,	Valid Upto	18.12.2019
	Gorakhpur, Uttar Pradesh - 273014	Cert. Issue Date	21.12.2018

Description of Sample						
Nomenclature	Water Bath (Thermostat)	Accuracy/Class	Not Mentioned			
1		Condition of UUC	Physically Ok			
Range	0 to 110 ° C	Calibration Performed at	At Site			
Resolution	5° C	Calibration Procedure No.	CP/T - 03			
Make & Model No.	Tempstar	Reference IS Standard	IS:7358 - 1984			
Serial No.	·	Environmental Condition	Temperature = 25 ± 5° C			
Party ID Mark			Humidity = 40 to 70% RH			
Location	Laboratory		1			

	Master Equipment / Standard Used								
Sr.N.	Sr.N. Nomenclature		Serial No. / I/D Mark	Calibrated From	Certificate No.	Due Date of Calibration			
1	RTD With Dig. Indicator	Témpsens Fluke	PMM/RTD/03 PMM/CTR/01	Tempsens Udaipur	TL/218/109.1.1	06.05.2019			

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

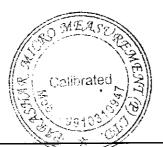
	CALIBRATION RESULTS						
S.N.	Nominal Value in UUC (in ° C)	Actual Observed Value in Std. (in ° C)	Error (in ° C)				
1	40	40.56	-0.56				
2	50	50.79	-0.79				
3	60	61.23	-1.23				
4	80	· 81.65	-1.65				
·	1	•					
	1	i i i i i i i i i i i i i i i i i i i	•				

**UUC - Unit Under Calibration** 

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 3.3$  ° C

Calibrated By : Rajesh(Gupta Designation : Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.

Conditions: 1. This certificate refers only to the particular item submitted for calibration. 2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement. 3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.



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-Calibration Certificate



							Page 1 of 1
Certific	ate Number : CAL/I	U	JUC Received o	n	15.12.2018		
Calibrated For M/s. Fatima Hospital Mother Teresa Road, Padri Bazar P Gorakhpur, Uttar Pradesh - 273014			r PO, V	Calibrated on Valid Upto Cert. Issue Date		19.12.2018 18.12.2019 21.12.2018	
		<u> </u>	Descript	tion of Sample			<u> </u>
Nomeno Range Resolut Make & Serial N Party ID Locatio	tion Model No. lo. ) Mark	250 µl	Biotronics Calibration Performed Calibration Procedu Reference IS Standa Environmental Conc		UUC erformed at rocedure No. Standard	Physically Ok Laboratory Cedure No. CP/M/MV/04 ISO-8655-6, ISO/FDIS-4787-2010 (E)	
			Master Equipm	nent / Standard Us	ed		
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	m Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	/WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS							
Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (în μl)				
1	250	250.76	-0.76	250.78				
		<u> </u>						

UUC - Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.6 \, \mu$ l

Blorons

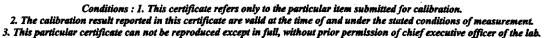
Calibrated By: Priyank Sharma
Designation: Calibration Engineer



Approved By : Moh. Iqbal

Designation : Tech Manager / Auth. Sign.











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							Page 1 of 1	
	cate Number : CAL/I			Ut	UUC Received on		15.12.2018	
Calibra	ted For M	s. Fatima Ho	ospital	Ca	alibrated on		19.12.2018	
1	M	other Teresa	Road, Padri Baza	r PO, Va	alid Upto		18.12.2019	
	G	orakhpur, Utt	ar Pradesh - 2730	14 Ce	ert. Issue Date	1	21.12.2018	
	Description of Sample							
Nomen	clature	Micro Pir	pette	Accuracy/Clas	S	Not Mention	ed	
Range		·  200 µl		Condition of U	IUC .	Physically Ok		
Resolut	tion	ļ		Calibration Pe	rformed at			
Make &	Model No.	******	•	Calibration Pro	ocedure No.			
Serial N	lo.	323132		Reference IS S	Standard	ISO-8655-6, ISO/FDIS-47		
Party ID	Mark			Environmental	Inmental Condition Temperature = 23 ± 2			
Locatio	n	Laborator	у		Humidity = 50 ± 10%			
			Master Equipm	ent / Standard Use	d			
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	n Certi	ficate No.	Due Date of Calibration	
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	/WB/1066	23.05.2019	

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS								
Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)					
1	200	201.34	-1.34	201.36					
	<u> </u>								

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.6 \mu$ l

Calibrated By : Priyank Sharma
Designation : Calibration Engineer



للبط) المعالم Approved By : Moh. Igbal

Designation: Tech Manager / Auth. Sign.



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							Page 1 of 1
Certific	cate Number : CAL/	MP/466348			<b>UUC Received</b>	on	15.12.2018
Calibra	ted For M	/s. Fatima Ho	ospital		Calibrated on		19.12.2018
	Mother Teresa Road, Padri Bazar Po			r PO,	Valid Upto		18.12.2019
	G	orakhpur, Utt	tar Pradesh - 2730	14	Cert. Issue Date	e	21.12.2018
Nomen	clature	Micro Pi		tion of Sample Accuracy/C	ass	Not Mention	ed .
Range		25 µi		Condition o	f UUC	Physically O	
Resolut	tion			Calibration Performed at		Laboratory	•
Make &	Model No.	Biohit		Calibration	1 _		
Serial N	lo.	DV1540	4	Reference IS	S Standard	ISO-8655-6, ISO/FDIS-47	
Party ID	) Mark			Environmen	tal Condition	Temperature	
Locatio	n	Laborator	у			Humidity = 5	
			Master Equipm	nent / Standard U	sed		
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated Fro	om Cert	ificate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noic	la PMM	1/WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS								
Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in μi)					
1	25	24.93	0.07	24.93					

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.15 \,\mu$ l

Sharmy

Calibrated By : Priyank Sharma
Designation : Calibration Engineer

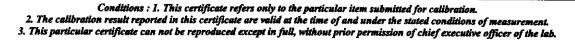


MAT

Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.











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							Page 1 of 1
Certific Calibra	1	/s. Fatima Ho	ospital Road, Padri Baza	UUC Received of Calibrated on		on	15.12.2018 19.12.2018
			ar Pradesh - 2730		alid Upto ert. Issue Date	,	18.12.2019 21.12.2018
			Descript	ion of Sample		·	27.12.2010
Nomeno Range Resolut Make & Serial N Party ID Locatio	tion Model No. Io. ) Mark	Micro Pip 5 to 50 µ 0.5 µl Thermo CH31776 Laborator	il Scientific 3	Accuracy/Clast Condition of Underston Per Calibration Proceedings of the Calibration Proceedings of the Calibration Proceedings of the Calibration Procedure of t	JUC erformed at ocedure No. Standard	Temperature	0k 4
			Master Equipm	ent / Standard Use	ed		
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated Fron	n Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida PMM/WB/1066		23.05.2019	

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

<u> </u>	CALIBRATION RESULTS								
Sr.No.	Nominal Value in UUC (in μl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)					
1	5*	5.05	-0.05	5.05					
2	25	25.11	-0.11·	25.11					
3	50	50.23	-0.23	50.24					

UUC:- Unit Under Calibration. Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.3 \mu l$ 

Starons

Calibrated By : Priyank Sharma
Designation : Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.



Conditions: 1. This certificate refers only to the particular item submitted for calibration.

2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.

3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.







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							Page 1 of 1
Certific	ate Number : CAL/	MP/466346		uuc	UUC Received on		15.12.2018
Calibrat	ted For M/	s. Fatima Ho	spital	Calib	rated on		19.12.2018
	Me	other Teresa	Road, Padri Baza	r PO, Valid	Upto		18.12.2019
	G	orakhpur, Utt	ar Pradesh - 2730	14 Cert.	Issue Date	<u> </u>	21.12.2018
			Descript	ion of Sample			
Nomeno	clature	Micro Pi	oette	Accuracy/Class		Not Mention	ed
Range		50 µl		Condition of UUC	;	Physically Of	k ·
Resolut	tion			Calibration Perfo	rmed at	Laboratory	
Make &	Model No.	Thermo	Scientific	Calibration Procedure No.		CP/M/MV/04	
Serial N	lo.	CH1653	2	Reference IS Star	ndard	ISO-8655-6, ISO/FDIS-47	'87-2010 (E)
Party ID	Mark			Environmental Co	ondition	Temperature	e = 23 ± 2° Ć
Locatio	п	Laborator	у		<u> </u>	Humidity = 5	0 ± 10% RH
			Master Equipm	ent / Standard Used			
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	/WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS								
Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µi)					
1	50	50.10	-0.10	50.11					

UUC:- Unit Under Calibration. Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.15 \, \mu l$ 

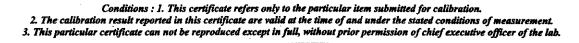
Burne

Calibrated By: Priyank Sharma
Designation: Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.





Parashar Micro Measurement Pvt. Itd.



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-Calibration Certificate



	<del></del>	<u> </u>					Page 1 of 1
Certific	cate Number : CAL/	MP/466345			UUC Received on		
Calibra		/s. Fatima H			Calibrated on		19.12.2018
			Road, Padri Baza		/alid Upto		18.12.2019
	IG	orakhpur, Uti	tar Pradesh - 2730	14	Cert. Issue Date	•	21.12.2018
			Descrip	tion of Sample			
Nomen	clature	Micro Pi	pette	Accuracy/Cla	15\$	Not Mention	ed
Range		500 µl	500 μl Co		UUC	Physically O	k
Resolut	tion		Calibration Performed at				
Make &	Model No.	Biotech		Calibration Procedure No.		CP/M/MV/04	
Serial N	lo.	913074	•	Reference IS	Standard	ISO-8655-6, ISO/FDIS-47	87-2010 (E)
Party ID	) Mark			Environment	al Condition	Temperature	e = 23 + 2° C
Locatio	n	Laborator	у			Humidity = 5	
	_		Master Equipm	ent / Standard Us	ed		
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	m Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULTS								
Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in µl)	Error (in µl)	Mean Average Value at 27°C (in µl)					
500	498.53	1.47	498.58					
	in UUC (in µl)	Nominal Value Actual Observed Value in UUC (in μl) Mean Value in Std. (in μl)	Nominal Value Actual Observed Value Error in UUC (in μl) Mean Value in Std. (in μl) (in μl)					

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.6 \, \mu l$ 

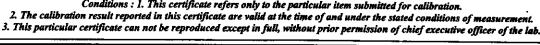
Calibrated By: Priyank Sharma Designation : Calibration Engineer



Approved By : Moh. Igbal

Designation: Tech Manager / Auth. Sign.

Conditions: 1. This certificate refers only to the particular item submitted for calibration.









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	' 		•				Page 1 of 1
Certific	ate Number : CAL/	MP/ 466344		U	UC Received o	n .	15.12.2018
Calibrat	ted For M	/s. Fatima Ho	spital	С	alibrated on		19.12.2018
			Road, Padri Baza		alid Upto		18.12.2019
	G	orakhpur, Utt	ar Pradesh - 2730	14C	ert. Issue Date		21.12.2018
			Descript	ion of Sample			
Nomen	clature	Місто Ріг	pette	Accuracy/Clas	SS	Not Mention	ed
Range		100 µl		Condition of t	UUC	Physically O	k
Resolut	tion			Calibration Performed at		Laboratory	
Make &	Model No.	Finnpipe	tte	Calibration Procedure No.		CP/M/MV/04	ļ
Serial N	lo.	S343754	<b>,</b>	Reference IS	Standard	ISO-8655-6,	
						ISO/FDIS-47	
Party ID				Environmenta	al Condition		$= 23 \pm 2^{\circ} C$
Locatio	n	Laborator				Humidity = 5	0 ± 10% RH
			Master Equipm	ent / Standard Use	ed .		
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated Fron	n Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	/WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

	CALIBRATION RESULTS .								
Sr.No.	Nominal Value in UUC (in µl)	Actual Observed Value Mean Value in Std. (in μl)	Error (in µl)	Mean Average Value at 27°C (in µl)					
1	100	99.79	0.21	99.80					
Ì		1							

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 0.15 \mu$ l

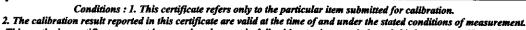
Calibrated By: Priyank Sharma Designation : Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.





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- Calibration Certificate



						· .	Page 1 of 1
Certific	ate Number : CAL/I	AP/466343		uuc	Received o	on	15.12.2018
Calibrat	ted For M/	s. Fatima Ho	ospital	Calib	Calibrated on		19.12.2018
	Me	other Teresa	Road, Padri Baza	r PO, Valid	Upto ·		18.12.2019
	G	orakhpur, Utl	ar Pradesh - 2730	14 Cert.	Issue Date	)	21.12.2018
	•		Descript	tion of Sample			<u>-</u>
Nomen	clature	Micro Pi	pette	Accuracy/Class		Not Mention	ed
Range		100 to 10	. lų 000	Condition of UUC	;	Physically O	k
Resolut	tion	5 μl		Calibration Performed at		Laboratory	
Make &	Model No.			Calibration Procedure No.		CP/M/MV/04	, ·
Serial N	lo.	NC8523	06	Reference IS Star	ndard	ISO-8655-6,	787-2010 (E)
Party ID				Environmental Co	ondition	Temperature	e = 23 ± 2° Ć
Locatio	<u>n</u>	Laborator	<del></del>	<del></del>		Humidity = 5	0 ± 10% RH
			Master Equipm	nent / Standard Used			
Sr.No.	Nomenclature	Make	Serial No. / I/D Mark	Calibrated From	Certi	ficate No.	Due Date of Calibration
1	Weighing Balance	Sartorius	PMM/WM/06	PMMPL, Noida	PMM	I/WB/1066	23.05.2019

Standard used for calibration are traceable to National Standards through unbroken chain of calibration.

CALIBRATION RESULTS						
Sr.No. Nominal Value Actual Observed Value Error Mean Aver in UUC (in μl) Mean Value in Std. (in μl) (in μl) at 27°C						
1	100	100.60	-0.60	100.61		
2	500	501.32	-1.32	501.37		
3	1000	1002.6 <del>4</del>	-2. <del>64</del>	1002.75		
	= = =					

UUC:- Unit Under Calibration.

Std. - Standard Instrument

Uncertainty of Measurement (at approx 95% Confidence Level with Coverage factor k = 2) =  $\pm 3 \mu$ l

Cherone

Calibrated By: Priyank Sharma
Designation: Calibration Engineer



Approved By : Moh. Iqbal

Designation: Tech Manager / Auth. Sign.



Conditions: 1. This certificate refers only to the particular item submitted for calibration.

2. The calibration result reported in this certificate are valid at the time of and under the stated conditions of measurement.

3. This particular certificate can not be reproduced except in full, without prior permission of chief executive officer of the lab.



### **CALIBRATION REPORT**

Equipment	Coagulation Analyzer	
Model	KC1 Delta	
Serial number	17G63129	

### **CALIBRATION Validity**

Calibration performed date	12-12-2018	
Calibration validity	Six Months	
Next Calibration Due on	June 2019	

	Please check the following points before calibration the instrument			
1	The power supply is 220 Volt 10% inputs Grounding is 0 + or -10	0 - 10	Yes	
	Output Voltage 12V + or -1V			
2	Magnetic strength by FCM meter. Range (90 + or - 2)	88 – 92 uA	Yes	
3	Fresh Cuvette used	New cuvette	Yes	
4	Cuvette rotation / minute	38 – 42 rpm	Yes	
5	Cuvette Temperature	37 °C + 0.1	Yes	
6	Reagent and control material are store at	2 °C to 8 °C	Yes	

### After Calibration controls were run as per following details:

		oagulation Control Re No.252633 :: Exp : 0		
Test Name	Range	Target	Results Obtained	Remarks
PT	12.5-15.5	13.5	13.7	Ok
APTT	28.0-36.0	32.0	33.7	Ok

Control Date :12.12.2018

Q C Department

### **CALIBRATION REPORT**

1. Instrument

Semi Automated Bio Chemistry Analyzer

2. Model

BTS-350

3. Sr.No.

801757459

4. Date of Calibration:

04.12.2018

#### **TEST PARAMETERS**

Test Parameters	Actual Parameters 15.05 V			OK/Not OK
SMPS Voltage 15.0 V				ОК
Flow Cell Temperature	25°C	30°C	37°C	OK
Pump Calibration Value (12000 to 45000)		21000		OK
Positioning	1100			OK
Pump Delay	2			OK

Sr.No.	Filters	Gain		Range		
		PH1	PH2	-		
1	340 nm	979959	248534	200000-1000000		
2	560 nm	967069	370210	200000-1000000		
3	670 nm	966624	369922	200000-1000000		
4	600 nm	978499	430719	200000-1000000		
5	535 nm	961981	477213	200000-1000000		
6	505 nm	976119	643852	200000-1000000		
7	635 nm	970104	516798	200000-1000000		
8	405 nm	979938	667987	200000-1000000		
9	Filter Offset	4099	4105	2500-4500		

### **Photmetric Accuracy:**

The reading of the absorbance are taken of following standard filters at the frequency of  $505\,\mathrm{nm}$ . The results are compared with its range.

Range of the Instrument: Optical Density Linear From 0 to 2.5

Std Absorbance	Measured Absorbance	Range
0.3	0.299	0.3000-0.3060
0.6	0.600	0.6000-0.6050
1.0	1.002	1.0000-1.0900
2.0	2.003	2.0000-2.0800

#### **Precision Control:**

The absorbance of two standard filters of 0.4 and 2.0 is taken. The replicates of each is made and mentioned as CV(%).

Std Absorbance	CV (%)
0.4	0.04 L%
2.0	0.006 %

### **Clinical Chemistry Control:**

CHEMISTRY	Level -1			Level -2		
	Measured	Mean	Range	Measured	Mean	Range
GLU	93.1	93	74.4- 111.6	243.4	251	213.4- 288.7
SGPT	49.3	47	37.6-56.4	112.5	128	102.4- 153.6
CRTN	0.10	0.93	0.74-1.11	3.31	3.8	3.23-4.37

Date: 04.12.18



### **CALIBRATION CERTIFICATE**

Customer Name	FATIMA HOSPITAL
Adress	Mother Teresa Road Padri Bazar Gorakhpur

### **CALIBRATION Report for**

Equipment	Heamatology Analyzer
Model	MEK-6420P
Serial number	01252735

### CALIBRATION Validity

Calibration performed date	27-12-2018
Calibration validity	One Year
Next Calibration Due on	December 2019

### CHECKS BEFORE CALIBRATION

### **PHYSICA CHECKS:**

Outer Casing/Chassis O.K.(No Damage)	Yes :/ / No:
UPS Power Supply OK	Yes : _ / No:
Grounding OK	Yes : _ / No:

### **PERFORMANCE CHECKS AFTER CALIBRATION**

HGB Voltage	1.930
WBC Voltage	18.39
RBC Voltage	18.15
Diluent Voltage	1.51 V
Lysing Reagent	0.99 V
HGB Unit Temp.(Degree Cent.)	26.7
MC Unit.(Degree Cent.)	25.0
Powerr Board.(Degree Cent.)	26.7

#### Calibrator Details :-

- SC-CAL PLUS
- LOT NO-PLUS 0119
- EXP- 05-02.2019

After calibration Q.C. Test for all level passed successfully.

Test results is coming ok	<b>✓</b>	Remarks	Done
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Service Engineer



### Labcare Bio-Medicals

### **CALIBRATION REPORT**

Instrument

Semi Automated Bio Chemistry Analyzer

2. Model

BTS-350

3. Sr.No.

801757459

4. Date of Calibration :

04.12.2018

#### TEST PARAMETERS

<b>Test Parameters</b>	Actu	ıal Param	neters	OK/Not OK
SMPS Voltage 15.0 V	15.05 V		OK	
Flow Cell Temperature	25°C	30°C	37°C	OK
Pump Calibration Value (12000 to 45000)		21000		OK
Positioning		1100		OK
Pump Delay		2		OK

Sr.No. Filters		Ga	Range	
		PH1	PH2	
1	340 nm	979959	248534	200000-1000000
2	560 nm	967069	370210	200000-1000000
3	670 nm	966624	369922	200000-1000000
4	600 nm	978499	430719	200000-1000000
5	535 nm	961981	477213	200000-1000000
6	505 nm	976119	643852	200000-1000000
7	635 nm	970104	516798	200000-1000000
8	405 nm	979938	667987	200000-1000000
9	Filter Offset	4099	4105	2500-4500

214 - DIWAN BAZAR, GORAKHPUR-273001 (U.P.) INDIA Mobile : (+91) 9935072701 Ph. : (+91) 0551-6545680 Fax : (+91) 0551-2205680 E-mail : labcares@yahoo.co.in



### Photometric Accuracyabcare Bio-Medicals

The reading of the absorbance are taken of following standard filters at the frequency of 505 nm. The results are compared with its range.

Range of the Instrument: Optical Density Linear From 0 to 2.5

Std Absorbance	Measured Absorbance	Range
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0.6	0.600	0.6000-0.6050
1.0	1.002	1.0000-1.0900
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#### **Precision Control:**

The absorbance of two standard filters of 0.4 and 2.0 is taken. The replicates of each is made and mentioned as CV (%).

Std Absorbance	CV (%)
0.4	0.04 L%
2.0	0.006 %

### **Clinical Chemistry Control:**

CHEMISTRY	Level -1			Level -2		
2.	Measured	Mean	Range	Measured	Mean	Range
GLU	93.1	93	74.4- 111.6	243.4	251	213.4- 288.7
SGPT	49.3	47	37.6-56.4	112.5	128	102.4- 153.6
CRTN	0.10	0.93	0.74-1.11	3.31	3.8	3.23-4.37

Date: 04.12.18

Q.C.

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### **CALIBRATION CERTIFICATE**

Customer Name	FATIMA HOSPITAL
Adress	Mother Teresa Road Padri Bazar Gorakhpur

### **CALIBRATION Report for**

Equipment Heamatology Analyzer	
Model	MEK-6420P
Serial number	01252735

### **CALIBRATION Validity**

Calibration performed date	27-12-2018	7
Calibration validity	One Year	
Next Calibration Due on	December 2019	

### **CHECKS BEFORE CALIBRATION**

### **PHYSICA CHECKS:**

Outer Casing/Chassis O.K.(No Damage)	Yes : / No:
UPS Power Supply OK	Yes :/ No:
Grounding OK	Yes : _ \ / No:

214 - DIWAN BAZAR, GORAKHPUR-273001 (U.P.) INDIA Mobile : 9935072701 Phone : (+91) 0551-6545680 E-mail : labcares@yahoo.co.in



## PERFORMANCE CHECKS AFTER CALIBRATION

HGB Voltage	1.930
WBC Voltage	18.39
RBC Voltage	18.15
Diluent Voltage	1.51 V
Lysing Reagent	0.99 V
HGB Unit Temp. (Degree Cent.)	26.7
MC Unit. (Degree Cent.)	25.0
Power Board. (Degree Cent.)	26.7

#### Calibrator Details:-

- SC-CAL PLUS
- LOT NO-PLUS 0119
- EXP- 05-02.2019

After calibration Q.C. Test for all level passed successfully.

Test results is coming ok	· /	Remarks	Done
			e wa

Service Engineer

214 - DIWAN BAZAR, GORAKHPUR-273001 (U.P.) INDIA Mobile : 9935072701 Phone : (+91) 0551-6545680

E-mail: labcares@yahoo.co.in

### **Calibration Certificate**

Certificate No.:	CCTPL/05-07/01	Field:	Mechanical
SRF No.:	CCTPL/0107/01	Date of Receipt:	30/07/2021
SRF Date:	30/07/2021	Date of Calibration:	30/07/2021
Company Name & Address	M/s. Fatima Hospital	Recommended Due Date.:  (As per agreed by customer)	29/07/2022
	Mother Taresa Road, Padri Bazar Gorkhpur Pin-273014	Certificate Issue Date:	31/07/2021

#### **DUC\* Details**

Instrument Name:	Micro Pipette	Instrument Sr. No.:	
Make:		Instrument Id No.:	
Model No.:		Location:	
Range:	10 to 100 μl	DUC Condition:	Ok
Readability:	5 μl	Calibration Performed at:	At Lab

#### Standard Equipments Used(Traceable to National Standard)

	Sr. No	Instrument Name Cert. No		Cal. By	Calibration Due Date
I	1	Analytical Balance	PMM/AB/12080/1	PMM, Noida	06/05/2022

E	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2°C	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

#### **CALIBRATION RESULT**

Sr. No.	DUC Value (in μl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	10	9.84	0.16	9.84
2	50	49.78	0.22	49.78
3	100	99.84	0.15	99.85

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k=2, is  $\pm$  1.0  $\mu l.$ 

Calibrated By: Priyank Sharma Approved By: Sandeep Sharma **Calibration Engineer** Director

Note. 1. This Certificate only to the particular instrument submitted for calibration.

2. This calibration Result reported in this certificate valid at the time of and under the stated condition of

measurement.
3.This particular certificate can not be reproduce except in full, without prior permission of CCTPL



Facilities: Mechanical, Thermal, Electrotechnical

#### Calibration Certificate

Certificate No.:	CCTPL/28-01/08	Field:	Mechanical
	CCTPL/0101/01	Date of Receipt:	03/02/2021
SRF No.: SRF Date:	03/02/2021	Date of Calibration:	04/02/2021
Company Name &	M/s. Fatima Hospital	Recommended Due Date.:	03/02/2022
Address	Mother Taresa Road, Padri Bazar,	As per agreed by customer	
	Gorakhpur. Pin - 273014	Certificate Issue Date:	04/02/2021

#### **DUC\* Details**

				The second name of the second			
Instrument N	ame:	Micro Pipette		Instrument Sr. No.:			
Make:		****		Instrument Id No.:		****	
Model No.:			Location: DUC Condition:		n: Lab		
Range:		10 - 100 µl			Ok		
Readability:		5 µ1		Calibration Performed at:		At Lab	
Standard Equ	ipmen	ts Used(Traceable to N	National Standard)				
Sr. No	Ins	strument Name	Cert. No		Cal. By	Calibration Due Date	
1	An	alytical Balance	PMM/AB/93	74/1	PMM, Noida	31/05/2021	

	Temperature	Humidity	Reference Standard	Calibration Procedure
Environment Condition	23±2℃	55±10%RH	ISO: 8655-6	CCTPLP/M/MV-02

Sr. No.	DUC Value (in µl)	Observed Value on Standard (in mg)	Error (in µl)	Mean Value at 27°C (in μl)
1	10	9.84	0.16	9.84
	50	24.91	25.09	24.91
3	100	99.84	0.16	99.85

Note: DUC\*: Device Under Calibration

Uncertainty of measurment at approx 95% Confidence Level with coverage factor k = 2, is ± 1.1 µl.

Calibrated By:

Priyank Sharma

Calibration Engineer

**NCIDA** pproved By: Director

1. This Certificate only to the particular instrument submitted for calibration.

2. This Caliibration Result reported in this certificate valid at the time of and under the stated condition of

3. This particular certificate can not be reproduce except in full, without prior permission of CCTPL

·--End of Certificate---

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