



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	20700011819	Issued On:	24/12/2020
ULR No:	CC214620700011819F	Calibration Date:	21/12/2020
Job Identification No:	ICS/C/MVD/12/11819	Next Calibration Date:	20/06/2021
Ref. No:	SRF, Dated - 17/12/2020		

CALIBRATED FOR:	M/s Polo Lab., IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
------------------------	--------------------------------------------------------------------------------------------

EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	Riviera	Visual Inspection	Ok
Serial No.	PJ564676	I.D. No.	---
Range	0.5 µl - 10 µl	Least Count	0.1 µl
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0 °C	Humidity	50 ± 10 % RH
--------------------	------------------	-----------------	--------------

STANDARD EQUIPMENT DETAILS Traceable to National Standards

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	E ₁ Class as per OIML recom.	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021

USED EQUIPMENT DETAILS Calibrated Balance, Distilled Water & Glass wares

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration
Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.L and coverage factor k=2
0.0010 (0001 µl)	0.000972 (0000.972 µl)	± 0.09 µl
0.0050 (0005 µl)	0.004941 (0004.941 µl)	± 0.09 µl
0.0100 (0010 µl)	0.009904 (0009.904 µl)	± 0.10 µl

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.
END OF REPORT

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Satish
Checked by

Authorised Signatory
RAJESH KAPOOR
Operation-Head



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	20700011821	Issued On:	24/12/2020
ULR No:	CC214620700011821F	Calibration Date:	21/12/2020
Job Identification No:	ICS/C/MVD/12/11821	Next Calibration Date:	20/06/2021
Ref. No:	SRF, Dated - 17/12/2020		

CALIBRATED FOR:	M/s Polo Lab, IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
------------------------	-------------------------------------------------------------------------------------------

EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	Riviera	Visual Inspection	Ok
Serial No.	OF507319	I.D. No.	---
Range	100 µl - 1000 µl	Least Count	5 µl
Location	---	Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
-------------	------------------	----------	--------------

STANDARD EQUIPMENT DETAILS Traceable to National Standards

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	E ₁ Class as per OIML recom.	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021

USED EQUIPMENT DETAILS Calibrated Balance, Distilled Water & Glass wares

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration
Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.L. and coverage factor k=2
0.1000 (0100 µl)	0.10024 (0100.24 µl)	± 3 µl
0.5000 (0500 µl)	0.50036 (0500.36 µl)	± 3 µl
1.0000 (1000 µl)	1.00044 (1000.44 µl)	± 3 µl

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

END OF REPORT

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Satish
Checked by

Authorised Signatory
RAJESH KAPOOR
Operation-Head



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF GLASS THERMOMETER

Calibration Certificate No.	20100012869	Issued On:	25/11/2020
ULR No.	CC214620100012869F	Calibration Date:	21/11/2020
Job Identification No.	ICS/C/T/11/12869	Next Calibration Date:	20/11/2021
Ref. No.	SRF, Dated - 17/11/2020		

CALIBRATED FOR:	M/s Polo Lab., IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
------------------------	--------------------------------------------------------------------------------------------

EQUIPMENT DESCRIPTION

Name	Glass Thermometer	Visual Inspection	OK
Make/Model	Seven Star	I.D. No.	IVY/HSPR/PATH/IN/02
Serial No.	---	Least Count	1°C
Range	0°C to 110°C	Calibration Site	On-Site
Location	Incubator		

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
-------------	------------------	----------	--------------

STANDARD REFERENCE DETAILS

Traceable to National Standard

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"/ ICS/T/INS/41	20100000032	Indian Calibration Services, Delhi	02/01/2020	02/01/2021

USED EQUIPMENT DETAILS Water Bath

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No. ICS-CAL/SOP-TH01, ITS-90 (Comparison Method)

RESULTS: Thermal Calibration (On Working Range)

U.U.C. READING (in °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
30	30.06	± 0.65
35	35.13	± 0.65
37	37.20	± 0.65
45	45.31	± 0.65
60	60.45	± 0.71

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

*** END OF REPORT ***

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

Authorized Signatory
RAJESH KAPOOR
Operation-Head



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments
 304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092
 Phone / Fax : (011) 22453259, 22434362, 9599482307
 E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR

Calibration Certificate No.	20100012872	Issued On:	25/11/2020
ULR No.	CC214620100012872F	Calibration Date:	21/11/2020
Job Identification No.	ICS/C/T/11/12872	Next Calibration Date:	20/11/2021
Ref. No.	SRF, Dated - 17/11/2020		

CALIBRATED FOR:

M/s Polo Lab.,
 IVY Hospital,
 Opp. ST. Joseph School,
 Chandigarh Road Hoshiyarpur.

EQUIPMENT DESCRIPTION

Name	Digital Temperature Indicator with Sensor		
Make/Model	Multi	Visual Inspection	Ok
Serial No.		I.D. No.	IVY/HSPR/PATH/LAB/03
Range	-50°C to 200°C	Least Count	0.1°C
Location	Refrigerator	Calibration Site	On-Site

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
-------------	------------------	----------	--------------

STANDARD REFERENCE DETAILS Traceable to National Standard

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"/ ICS/T/INS/41	20100000032	Indian Calibration Services, Delhi	02/01/2020	02/01/2021

USED EQUIPMENT DETAILS

Methanol Bath

PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS-/CAL/SOP-TH02, ITS-90
 (Comparison Method)

RESULTS: Thermal Calibration (On Working Range)

U.U.C. READING (In °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
2.0	2.03	± 0.20
4.0	4.05	± 0.20
5.0	5.09	± 0.20
7.0	7.15	± 0.20
8.0	8.19	± 0.20

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

*** END OF REPORT ***

- Note : 1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 3. Total liability of our Organisation is limited to the invoiced amount.
 4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

Authorised Signatory
RAJESH KAPOOR
 Operation-Head



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments
304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092
Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF MICROPIPETTE

Certificate No:	20700011820	Issued On:	24/12/2020
ULR No:	CC214620700011820F	Calibration Date:	21/12/2020
Job Identification No:	ICS/C/MVD/12/11820	Next Calibration Date:	20/06/2021
Ref. No:	SRF, Dated - 17/12/2020		

CALIBRATED FOR: M/s Polo Lab.,
IVY Hospital,
Opp. ST. Joseph School,
Chandigarh Road Hoshiyarpur.

EQUIPMENT DESCRIPTION

Name	Variable Micropipette		
Make/Model	Riviera	Visual Inspection	Ok
Serial No.	OK528455	I.D. No.	
Range	5 µl - 50 µl	Least Count	0.5 µl
Location		Calibration Site	In-Lab

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0° C	Humidity	50 ± 10 % RH
--------------------	------------------	-----------------	--------------

STANDARD EQUIPMENT DETAILS

Traceable to National Standards

Name	Make	Certificate No.	Calibration Agency	Calibration Date	Valid Upto
Stainless Steel Wire Weights	E ₁ Class as per OIML recom.	WMCL/E/2020-05/3364	WMCL	31/05/2020	30/05/2023
RTD Sensor with Digital Indicator	Udian	ERTL(N)/2020/AR0878	ERTL (NORTH)	25/02/2020	25/02/2021

USED EQUIPMENT DETAILS Calibrated Balance, Distilled Water & Glass wares

PRINCIPLE/METHODOLOGY OF CALIBRATION: As per Calibration Procedure No.: ICS/CAL/SOP-M03 (Gravimetric Method), ISO 8655-6

RESULTS: Mechanical Calibration
Below Volume is determined at 27°C

U.U.C. Reading (in ml)	Standard Measured Volume (in ml) (Average)	Uncertainty at approx 95% C.L. and coverage factor k=2
0.0050 (005.0 µl)	0.005073 (0005.073 µl)	± 0.3 µl
0.0200 (020.0 µl)	0.020122 (0020.122 µl)	± 0.3 µl
0.0500 (050.0 µl)	0.050197 (0050.197 µl)	± 0.3 µl

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

END OF REPORT

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Satish
Checked by

Authorised Signatory
RAJESH KAPOOR
Operation-Head



Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF DIGITAL TEMPERATURE INDICATOR WITH SENSOR

Calibration Certificate No.	20100012871	Issued On:	25/11/2020
ULR No.	CC214620100012871F	Calibration Date:	21/11/2020
Job Identification No.	ICS/C/T/11/12871	Next Calibration Date:	20/11/2021
Ref. No.	SRF, Dated - 17/11/2020		

CALIBRATED FOR:

M/s Polo Lab,
IVY Hospital,
Opp. ST. Joseph School,
Chandigarh Road Hoshiyarpur.

EQUIPMENT DESCRIPTION

Name	Digital Temperature Indicator with Sensor		
Make/Model	Instronics	Visual Inspection	Ok
Serial No.	---	I.D. No.	IVY/HSPR/PATH/LAB/04
Range	-50°C to 300°C	Least Count	0.1°C
Location	Refrigerator	Calibration Site	On-Site

ENVIRONMENTAL CONDITIONS

Temperature	25.0 °C ± 3.0 °C	Humidity	50 ± 10 % RH
-------------	------------------	----------	--------------

STANDARD REFERENCE DETAILS

Traceable to National Standard

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Digital Temp. Indicator with Sensor	"Lutron"/ ICS/T/INS/41	20100000032	Indian Calibration Services, Delhi	02/01/2020	02/01/2021

USED EQUIPMENT DETAILS

Methanol Bath

PRINCIPLE/METHODOLOGY OF CALIBRATION:

As per Calibration Procedure No.: ICS-/CAL/SOP-TH02, ITS-90 (Comparison Method)

RESULTS: Thermal Calibration (On Working Range)

U.U.C. READING (In °C)	CORRECTED VALUE OF STANDARD (in °C) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2 (in °C)
2.0	2.05	± 0.20
4.0	4.08	± 0.20
5.0	5.11	± 0.20
7.0	7.14	± 0.20
8.0	8.18	± 0.20

REMARKS: The recommended date for next calibration is mentioned, as asked by the customer.

*** END OF REPORT ***

- Note : 1. This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
2. The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
3. Total liability of our Organisation is limited to the invoiced amount.
4. Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
5. In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
6. The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

Authorised Signatory
RAJESH KAPOOR
Operation-Head

Indian Calibration Services

An Exclusive House for Validation & Calibration of Analytical Instruments

304 & 313, Laxmi Deep, District Centre, Near Nirman Vihar Metro Station, Laxmi Nagar, Delhi-110092

Phone / Fax : (011) 22453259, 22434362, 9599482307

E-mail : indiancalibrationservices@gmail.com Website : www.multitechics.com

CALIBRATION CERTIFICATE

Page 1 of 1

CALIBRATION CERTIFICATE OF MICROSCOPE

Certificate No:	20113000066	Issued On:	25/11/2020
Job Identification No:	ICS/C/11-3/66	Calibration Date:	21/11/2020
Ref. No:	SRF, Dated - 17/11/2020	Next Calibration Date:	20/11/2021

CALIBRATED FOR:	M/s Polo Lab, IVY Hospital, Opp. ST. Joseph School, Chandigarh Road Hoshiyarpur.
------------------------	-------------------------------------------------------------------------------------------

EQUIPMENT DESCRIPTION

Name	Microscope	Visual Inspection	OK
Make/Model	Olympus	I.D. No.	IVY/HSPR/PATH/MS/02
Serial No.	---	Least Count	---
Range	4X to 100X	Calibration Site	In-Lab
Location	---		

ENVIRONMENTAL CONDITIONS	Temperature	20.0 °C ± 2.0° C	Humidity	50 ± 10 % RH
---------------------------------	--------------------	------------------	-----------------	--------------

STANDARD REFERENCE DETAILS

Traceable to National Standard

Name of the Standard	Make	Certificate No.	Calibration Agency/Traceability	Date of Calibration	Valid up to
Slip Gauges-Set	Aditya/2938	TII/SGS/061/20	Tanson Instrument, Faridabad	24/06/2020	23/06/2022
Glass Scale	ICS/STD/91	TII/SGS/010/20	Tanson, Fbd	30/09/2020	29/09/2022

USED EQUIPMENT DETAILS	N/A
-------------------------------	-----

PRINCIPLE/METHODOLOGY OF CALIBRATION:	As per Calibration Procedure No.: ICS/CAL/SOP-D31
----------------------------------------------	---------------------------------------------------

Parameter	Specified Magnification	STD Value	Measured Value On Magnification (mm) (Avg.)	Uncertainty at approx 95% C.L and coverage factor k=2
Magnification	4 X	1 mm	4.0	± 0.18% of magnification
Magnification	10 X	1 mm	10.0	± 0.18% of magnification
Magnification	100 X	1 mm	99.5	± 0.18% of magnification

REMARKS:

The recommended date for next calibration is mentioned, as asked by the customer.

*** END OF REPORT ***

- Note :**
- This report is not to be reproduced wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without our special permission in writing.
 - The result listed refer only to the tested samples and applicable parameters. Endorsement of products is neither inferred nor implied.
 - Total liability of our Organisation is limited to the invoiced amount.
 - Samples will be destroyed after one month from the date of issue of Calibration Certificate unless otherwise specified.
 - In case any reconfirmation of contents of this Calibration Certificate is required. Please contact our office.
 - The calibration certificate/Test Report is valid only for the condition of the UUC at the time under stated condition of calibration.

For and on behalf of
Indian Calibration Services

Checked by

Authorised Signatory

RAJESH KAPOOR
Operation-Head