

DESUN TEST & CALIBRATION LABORATORY

Regd. Office: 8/1A/1, Keyatala Road, Kolkata-700029
Lab. P-23, Kasba Industrial Estate, Kolkata-700107
Phone: 033 2464 2703 / 2463 2112, Mobile: 8017033661
E-mail: ask@desuncalibration.com, Website: www.desuncalibration.com



Calibration Certificate of Micro Pipette

ULR No.: CC214221000000017F
Certificate No. DESUN/D6913/03/20-21

- 1.0 Service Request No. / Party Ref. (W.O. No.) : DESUN/20-21/024 dated: 13.03.2021
- 1.1 Calibrated for (Name & Address of Customer) : **Kins Care & Research Foundation Pvt. Ltd.**
1st Floor, Golden Height Building,
Jhankar More, Siliguri-734005
- 1.2 Description & Identification : Name : **Micro Pipette**
Make : RV Instruments
Model : Vertex
SL. No. : 181259058
ID No. : --
Range : (20-200) μ l
L.C. : 1 μ l
- 1.3 Date of Receipt : 22-03-2021
Date of Calibration : 23-03-2021
Date of Issue : 23-03-2021
Valid Up to : 22-03-2022
- 1.4 Environmental Condition : Temperature : 23.0° C \pm 3° C
Relative Humidity : (40-60) %
- 1.5 Calibration Procedure : SOP / Pipette / 01
- 1.6 Method Used : Gravimetric Method



Certificate No.: CC-2142

1.7 Standards / Test Equipment Used:

Equipment Name	Make	Model	Date of Calibration
Weight Box	Weigh India	F1 Class	27-07-2019

Calibrated by

P. Roy
P. ROY

Checked by

Moumita S.
M. SIL

Issued by

Moumita S.
M. SIL

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1.8 Traccability : The Standard used for Calibration is Traceable to National Standard through Weigh India vide Certificate No. WI/July/19/024 valid upto 26-07-2021

1.9 Mechanical Calibraton: Calibration Results:

Range in μl	Mass of Water in mg	Volume of Water in μl	Error in μl	UE in μl (\pm)	K Value
20	22.5106	22.5750	2.5750	0.44	2.57
100	101.3607	101.6508	1.6508	0.55	2.57
200	202.7043	203.2845	3.2845	0.80	2.57

Water Tempersture.: 24.6 ° C
Uncertainty of measurement has been derived at 95% confidence level where 'k' is the 'Coverage Factor'.

UE: Expanded Uncertainty
DUC: Device under Calibration
STD: Standard

2.0 Sticker Allotted : D6913
2.1 Remarks (if any) : Use Calibration Value.

Calibrated by

P. Roy
P. ROY

Checked by

Moumita S.
M. SIL

Issued by

Moumita S.
M. SIL

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Calibration Certificate of Micro Pipette

ULR No.: CC214221000000018F
Certificate No. DESUN/D6914/03/20-21

- 1.0 Service Request No. / Party Ref. (W.O. No.) : DESUN/20-21/024 dated: 13.03.2021
- 1.1 Calibrated for (Name & Address of Customer) : **Kins Care & Research Foundation Pvt. Ltd.**
1st Floor, Golden Height Building,
Jhankar More, Siliguri-734005
- 1.2 Description & Identification : Name : **Micro Pipette**
Make : Erba
Model : --
SL. No. : NL483168
ID No. : --
Range : (100-1000) μ l
L.C. : 5 μ l
- 1.3 Date of Receipt : 22-03-2021
Date of Calibration : 23-03-2021
Date of Issue : 23-03-2021
Valid Up to : 22-03-2022
- 1.4 Environmental Condition : Temperature : 23.0° C \pm 3° C
Relative Humidity : (40-60) %
- 1.5 Calibration Procedure : SOP / Pipette / 01
- 1.6 Method Used : Gravimetric Method
- 1.7 **Standards / Test Equipment Used:**



Certificate No.: CC-2142

Equipment Name	Make	Model	Date of Calibration
Weight Box	Weigh India	F1 Class	27-07-2019

Calibrated by

P. Roy
P. ROY

Checked by

Moumita S1
M. SIL

Issued by

Moumita S1
M. SIL

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ULR No.: CC214221000000018F
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1.8 Traceability : The Standard used for Calibration is Traceable to National Standard through Weigh India vide Certificate No. WI/July/19/024 valid upto 26-07-2021

1.9 Mechanical Calibraton: Calibration Results:

Range in μl	Mass of Water in mg	Volume of Water in μl	Error in μl	U _E in μl (\pm)	K Value
100	97.5342	97.8133	-2.1867	0.63	2.57
500	500.5951	502.0278	2.0278	0.80	2.57
1000	1002.2904	1005.1591	5.1591	0.86	2.57

Water Temperature.: 24.6 °C
Uncertainty of measurement has been derived at 95% confidence level where 'k' is the 'Coverage Factor'.

U_E: Expanded Uncertainty
DUC: Device under Calibration
STD: Standard

2.0 Sticker Allotted : D6914
2.1 Remarks (if any) : Use Calibration Value.

Calibrated by

P. Ray
P. Ray

Checked by

Moumita S1
M. SIL

Issued by

Moumita S1
M. SIL