



# NUTECH CALIBRATORS & ENGINEERS

(An NABL Accredited Calibration Laboratory in the field of Mechanical, Electro-Technical & Thermal)

Vide Certificate Nos.: CC-2271 (C-0421, C-0295 & C-0296)

Regd. Office & Lab. : 28/6 & 7, TOLLYGUNGE CIRCULAR ROAD, KOLKATA- 700 053

PHONE : (033) 2400 2182 (O), TELEFAX : 033 2400 2182

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Info@nutechcalibrators.com, Website : www.nutechcalibrators.com



NABL ACCREDITED  
LABORATORY  
CC-2271

## Issued To:

M/s: Oncquest Laboratories Ltd. Kolkata  
BF 2, Sushma Castle, Rajarhat Main Road,  
Beside Arati Cinema Hall, P.O.: Jyangra,  
Kolkata-700059, West Bengal.

Form No.- NCE/FM/03.

Certificate No.: NCE/CF-01854/20-21

ULR-CC227120000001099F

Date : 26/09/2020

## CALIBRATION REPORT

CALIBRATED ON:  
23/09/2020

NEXT DUE DATE :  
22/09/2021

PAGE 1 OF 1

- 1) Reference Standard : TSC/18-19/9948-4  
(Traceability No.& Date) Dt. 01/01/2019 and Valid up to 01/01/2021
- 2) Description Of Instrument : Centrifuge  
a) Make : Remi      b) Model : R-8C      c) Range : 5250 rpm (Max)      d) L/c : 10 rpm
- 3) Identification No : Sr. No.: ZDJN-27326
- 4) Receipt of Instrument : 23/09/2020
- 5) End User : Lab
- 6) Ambient condition during Calibration : a) Temp : 25°C ± 5°C      b) Humidity : < 70 % RH
- 7) Basis of Calibration : Comparison Method
- 8) Standard/ Equipment used for Calibration : Digital Tachometer (NCE/DTM/01)
- 9) Measurement Uncertainty (of 95% C.L. at k = 2) : ± 0.15 % rpm (for the maximum reported range)
- 10) Laboratory Identification : Sticker is affixed for authentication of calibration.

## CALIBRATION RESULTS

SI No.	DUC Set in rpm	Reading Observed through Ref. Std. in rpm
1.	2040	2046.2
2.	2760	2768.7
3.	3380	3389.5
4.	3820	3831.2
5.	4350	4364.6

REMARKS :The above DUC\* has been calibrated over its range & the readings observed are tabulated above. The reference standard is traceable to National Standard. \* DUC : Device Under Calibration

Calibrated By: S. Banik  
S. Banik  
Calibration Engineer

Approved By: S. GHOSH (QM) CUM TM  
S. Ghosh  
Authorised Signatory

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Form No.- NCE/FM/03.

Certificate No.: NCE/MP-01858/20-21

ULR-CC227120000001103F

Date : 26/09/2020

## CALIBRATION REPORT

CALIBRATED ON:  
23/09/2020

NEXT DUE DATE :  
22/09/2021

PAGE 1 OF 1

- 1) Reference Standard : TSC/19-20/9490-6 dt.31/10/2019 & valid upto 31/10/2020  
(Traceability No.& Date)
- 2) Description Of Instrument : Micro Pipette  
a) Make : CE b) Model : Finn pipette F3 c) Range : (5-50)  $\mu$ l d) L/c : 0.1  $\mu$ l
- 3) Identification No : ONC/KOL/PIPE/02 (Sr.No.: OW07658)
- 4) Receipt of Instrument : 23/09/2020
- 5) End User : Lab
- 6) Ambient condition during Calibration : a) Temp :  $25^{\circ}\text{C} \pm 5^{\circ}\text{C}$  b) Humidity : < 70 % RH  
Temp. during Calibration at DUC including liquid :  $27^{\circ}\text{C}$
- 7) Basis of Calibration : Gravimetric Method
- 8) Standard/ Equipment used for Calibration : Electronic Balance (NCE/DWM/01)
- 9) Measurement Uncertainty (of 95% C.L. at  $k = 2$ ) :  $\pm 5.92 \mu\text{l}$  (for the maximum reported range)
- 10) Laboratory Identification : Sticker is affixed for authentication of calibration.

### CALIBRATION RESULTS

Sl. No.	DUC Set in $\mu\text{l}$	Corresponding Reading Observed through Ref. Std. in $\mu\text{l}$ (Avg. of five reading)
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1.	10	9.91
2.	25	24.86
3.	50	49.79

REMARKS : The above DUC\* has been calibrated over its range & the readings observed are tabulated above. The reference standard is traceable to National Standard. \* DUC : Device Under Calibration

Calibrated By: S. Banik  
Calibration Engineer

S. GHOSH (QM) CUM TM  
Approved By: S. Ghosh  
Authorised Signatory

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Form No.- NCE/FM/03.  
Certificate No.: NCE/DT-01847/20-21  
ULR-CC227120000001092F  
Date : 26/09/2020

## CALIBRATION REPORT

CALIBRATED ON: 23/09/2020      NEXT DUE DATE : 22/09/2021      PAGE 1 OF 1


- 1) Reference Standard : TSC/18-19/9951-3  
(Traceability No.& Date) Dt. 01/01/2019 and Valid up to 01/01/2021
- 2) Description Of Instrument : Digital Thermometer
  - a) Range : (-50 to 300)°C    c) L/c : 0.1 °C    e) Model/Type : ST 9283B
  - b) Identification No : ONC/KOL/DTHER/03    d) Make : Multi
- 3) Receipt of Instrument : 23/09/2020
- 4) End User : Lab
- 5) a) Ambient condition during Calibration : 25°C ± 4°C    (b) Humidity : [50 ± 20]% RH.
- 6) Basis of Calibration : Comparison Method
- 7) Standard/ Equipment used for Calibration : Dig Thermometer with Sensor (YD13006356) & Low Temp. bath & Heat Source.
- 8) Laboratory Identification : Sticker is affixed for authentication of calibration.
- 9) Measurement Uncertainty of 95% confidence level k=2 : ± 0.4 °C (For the maximum reported range)

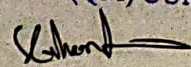
## CALIBRATION RESULTS

SI No.	Temperature set at DUC in °C	Reading Observed through in Ref. Std.in °C
1.	(-) 25	(-) 24.53
2.	(-) 20	(-) 20.61
3.	(-) 15	(-) 15.68
4.	(-) 10	(-) 9.73
5.	5	5.27

REMARKS : The above DUC has been calibrated for its range & readings observed are tabulated above. The reference standard used is traceable to National Standard.

**DUC: Device Under Calibration**

Calibrated By:   
S. Banik  
Calibration Engineer

Approved By:   
S. GHOSH (QM) CUM TM  
Authorised Signatory