



## CALIBRATION CERTIFICATE

**1.CUSTOMER** :-  
**SHREE DIAGNOSTIC CENTRE**  
 Shree Hospital, Murbad Road, KALYAN

Ambient Temp. (°C) :- 21 TO 40  
 Relative Humidity (%RH) :- 30 TO 75  
 Location of calibration :- On Site  
 Condition of Item :- Ok

Page No. :- 1 of 1  
 SRF No. :- GTS/220804/01  
 Certificate No. :- GTS/220804/01- 006  
 Date of Received :- 04.08.2022  
 Date of Calibration :- 04.08.2022  
 Next Calibration Due On :- 03.02.2023  
 Issue Date :- 12.08.2022  
 Calibration method No. :- MECH-WI-07  
 ULR No :- CC295722000008050F

### 2. Description of Item

Name :- Centrifuge  
 Id No :- SDC/CEN/01  
 Make :- Remi R 303  
 Type :- Knob

Range :- 0 to 3500 RPM  
 Least Count :- 500 RPM  
 Location :- Lab

Sr No :- ZDLN 29680  
 Dept. :- Pathology

### 3.Details of Equipment used for calibration

| Name               | Certificate No. | Certified By                 | ID No.    | Calibration Validity |
|--------------------|-----------------|------------------------------|-----------|----------------------|
| Digital Tachometer | NI/2205/059/003 | Nishitronics Instrumentation | GTS/TM/01 | 22.05.2023           |

### \* Discipline-Mechanical

### 4.Calibration Results :-

| Sr No | Standard Reading RPM | Knob No on UUC | Expanded Uncertainty in ± % |
|-------|----------------------|----------------|-----------------------------|
| 1     | 855.6                | 1              | 4.20                        |
| 2     | 1459                 | 2              | 1.20                        |
| 3     | 2404                 | 3              | 1.20                        |
| 4     | 2812                 | 4              | 1.20                        |
| 5     | 3432                 | 5              | 1.20                        |

### Note:

- 1)The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by the coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95.45% for normal distribution
- 2) This certificate refers only to the particular item submitted for calibration. UUC stands for Unit Under Calibration.
- 3) The calibration results reported in the certificate are valid at the time of and under the stated conditions of measurement.
- 4) Calibration point were selected as per customer specifications.
- 5) This certificate shall not be reproduced, except in full unless written permission for the publication of an approved abstract has been obtained from the Technical Manager of "Global Technical Services, Pune".
- 6)The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

*Rohit*

Calibration Engineer

Rohit L



Approved By

*Swapnil*

Technical Manager

Swapnil Bhagwat

RF-55/01

End of Certificate



## CALIBRATION CERTIFICATE

### 1. CUSTOMER :-

**SHREE DIAGNOSTIC CENTRE**  
Shree Hospital, Murbad Road, KALYAN

Ambient Temp. (°C) :- 21 to 40  
Relative Humidity (%RH) :- 30 to 75  
Location of calibration :- On Site  
Condition of Item :- Ok

Page No. :- 1 of 1  
SRF NO. :- GTS/220804/01  
Certificate No. :- GTS/220804/01-007  
Date of Received :- 04.08.2022  
Date of Calibration :- 04.08.2022  
Next Calibration Due On :- 03.02.2023  
Issue Date :- 12.08.2022  
Calibration method No. :- MECH-WI-07  
ULR No :- CC295722000008045F

### 2. Description of Item

Name :- Centrifuge Range :- 100 to 6500 RPM  
Id No :- SDC/CEN/02 Least Count :- 100 RPM  
Make :- Neuation D06 Location :- Lab  
Type :- Digital Sr No :- QK052008  
Dept. :- Pathology

### 3. Details of Equipment used for calibration

| Name               | Certificate No. | Certified By                 | ID No.    | Calibrat Valid |
|--------------------|-----------------|------------------------------|-----------|----------------|
| Digital Tachometer | NI/2205/059/003 | Nishitronics Instrumentation | GTS/TM/01 | 22.05.20       |

### \*Mechanical Calibration

#### 4. Calibration Results :-

| Calibration Points RPM | Standard Reading RPM | UUC Reading RPM | Error in RPM | Expand Uncertainty |
|------------------------|----------------------|-----------------|--------------|--------------------|
| 1500                   | 1497                 | 1500            | 3            | 1.2%               |
| 2000                   | 1996                 | 2000            | 4            | 1.2%               |
| 2500                   | 2494                 | 2500            | 6            | 1.2%               |
| 3000                   | 2998                 | 3000            | 2            | 1.2%               |
| 3500                   | 3495                 | 3500            | 5            | 1.2%               |

#### Note:

- 1) The reported uncertainty is the expanded uncertainty in measurement obtained by multiplying the standard uncertainty by coverage factor  $k=2$ , which corresponds to a coverage probability of approximately 95.45% for normal distribution
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- 6) The Instruments used for calibration are traceable to National/International standards and their Calibrations are valid.

Calibrated By

*Rohit*

Calibration Engineer

Rohit Leonard



Approved By

*Swapnil*

Technical Manager

Swapnil Bhagwat



CC-2294

Nishitronics

## CALIBRATION CERTIFICATE

**CUSTOMER :-** Global Technical Services  
 Sec. No-25, Plot No-49.3  
 LIG Colony Pradhikaran Nigdi  
 Pune-411014

**Page No. :-** 1 of 1  
**ULR No. :-** ULR-CC2294220000023734  
**Discipline :-** Mechanical Calibration  
**Certificate No :-** NI/2205/059/003  
**Date of issue :-** 24/05/2022  
**Date of receipt :-** 23/05/2022  
**Date of calibration :-** 23/05/2022  
**Cal. Req. No :-** NI/2205/059/003  
**Next Due Date :-** 22/05/2023  
**Parameter :-** RPM  
**Calibration method no :-** NI / CP / M / 05

**Amb. Temp :-** 25 ± 2 °C  
**Rh :-** 45 to 75%  
**Location of calibration :-** LAB  
**Characteristic and :-** OK  
**Condition of items**

## Details of Items

**Name :-** Digital Tachometer  
**Location :-** --  
**Make :-** Metrix  
**ID No. :-** GTS/TM.01  
**Sr No. :-** N785275

**Model :-** TM-1005  
**Range :-** 2.5 To99999 rpm(non-contct)  
**L.C. :-** 0.1 rpm & 1 rpm  
**Accuracy :-** Not specified

## Details of Equipment used for Calibration

**Name :-** DIGI TACHOMETER  
**Calibrated by :-** INSTOTECH  
**Certificate No. :-** 2021/0200  
**Validity :-** 01/06/2022

## OBSERVATION

## NON-Contact Type

| Cal. Point<br>rpm | Std. Reading<br>rpm | UUC Reading<br>rpm | Error<br>rpm | Expanded<br>Uncertainty |
|-------------------|---------------------|--------------------|--------------|-------------------------|
| 100               | 100.1               | 100.6              | 0.500        | ± 3.0 rpm.              |
| 5000              | 5001                | 5002               | 1.000        | ± 5.0 rpm.              |
| 10000             | 10115               | 10109              | -6.000       | ± 10.0 rpm.             |
| 20000             | 20548               | 20538              | -10.000      | ± 15.0 rpm.             |
| 40000             | 42350               | 42342              | -8.000       | ± 20.0 rpm.             |
| 90000             | 90326               | 90318              | -8.000       | ± 25.0 rpm.             |

The reported measurement uncertainty is estimated at a level of confidence of approximately 95 %

## Remarks :-

- 1) Result are related only to the item calibrated .
- 2) This certificate refers only to the particular items submitted for calibration .
- 3) This certificate shall not be reproduced except in full without our prior permission in writing.
- 4) The calibration results reported in this particular certificate are valid at the time of an under stated condition of measurement.
- 5) Standard used for calibration were traceable to National / International standard.
- 6) Readings given above are as on received condition of an instrument.

Calibrated by

( R.B.Desai )  
 (Technical Assistant)

Authorized Signatory

( V.B.Hingmire ) / ( S.B.Hingmire )  
 (Technical Manager)

Form No. : NI/F/7.8/ET/01

Form Rev. No. : 0

Effective Form Date:20/11/2019

Issue Date :20/11/2019

Issue No : 03

# NEUATION

# iFUGE D06

| CALIBRATION STATUS                        |              |
|---|--------------|
| Instrument                                | Centrifuge.  |
| Sr. No / ID No.                           | OK052008     |
| Vol. / Model                              | Neuation D06 |
| Callb. Date                               | 04-08-2022   |
| Due Date                                  | 03-02-2023   |
| For Details Refer Calibration Report Sign |              |

STOP  
LID



START

RPM  
RCF

TIME



RPM  
(x10)

650

Min

RCF(g)  
(x10)

EQUIPMENT-N.S

EQUIPMENT.N.G

CALIBRATION STATUS

|   |              |
|---|--------------|
| Instrument                                | Refrigerator |
| Sr. No / ID No.                           | SDC/FR2/01   |
| Vol. / Model                              | L4           |
| Callb. Date                               | 30/08/2022   |
| Due Date                                  | 29/02/2023   |
| For Details Refer Calibration Report Sign |              |

INVERTER  
LINEAR  
COMPRESSOR

10  
YEAR  
WARRANTY



|   |                    |
|---|--------------------|
| ELECTRICITY CONSUMPTION                     |                    |
| 253*  |                    |
| UNITS PER YEAR                              |                    |
| Label Period : 1st Jan 2020 - 31st Dec 2021 |                    |
| Appliance                                   | : Refrigerator     |
| Brand                                       | : LG               |
| Model/Year                                  | : GL-T402LPZU/2020 |
| Type  | : Frost Free       |
| Gross Volume                                | : 360 Liters       |
| Storage Volume                              | : 327 Liters       |



\*Under test conditions, when tested in accordance with relevant standards. Actual electricity consumption will depend on how the appliance being used.



ME261464239

AUTO  
SMART CONNECT™  
Connects to Home Inverter  
Automatically

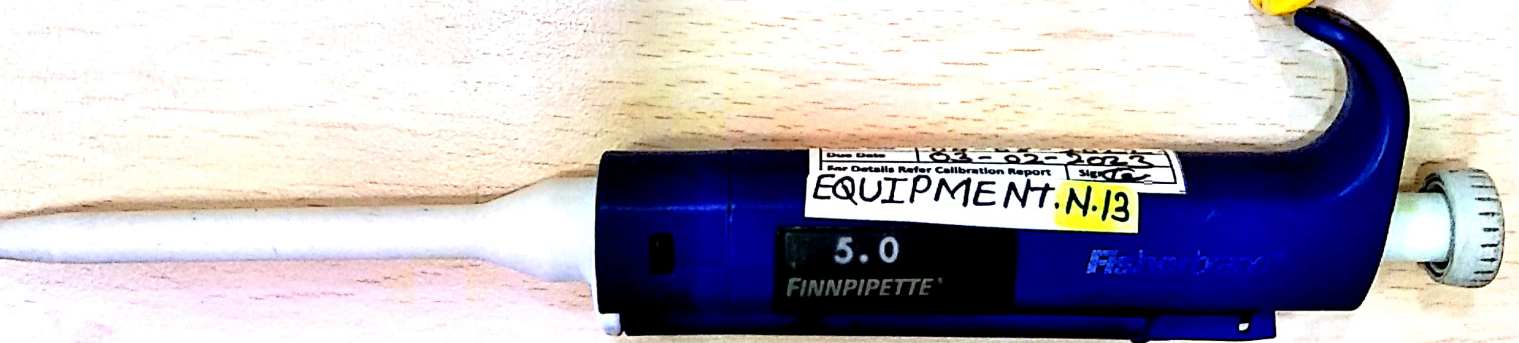
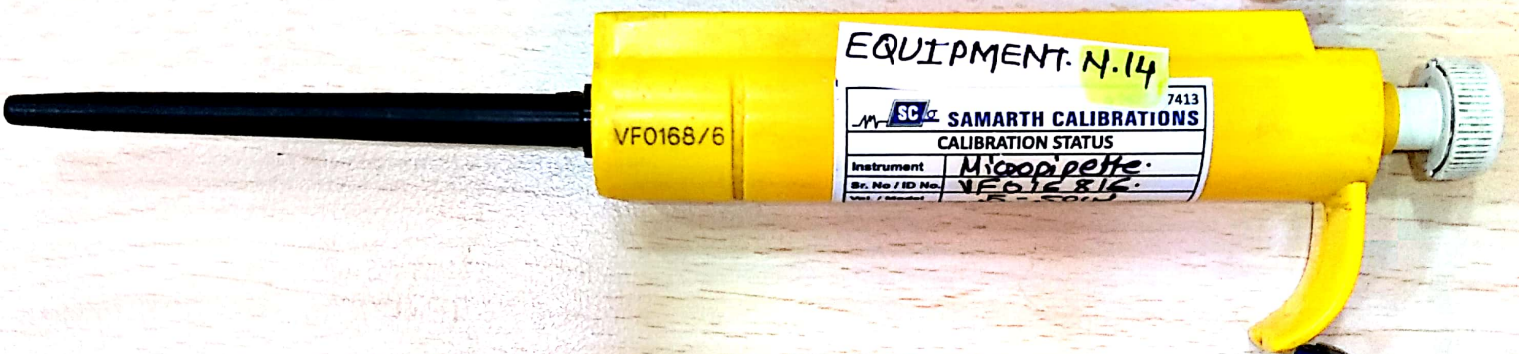
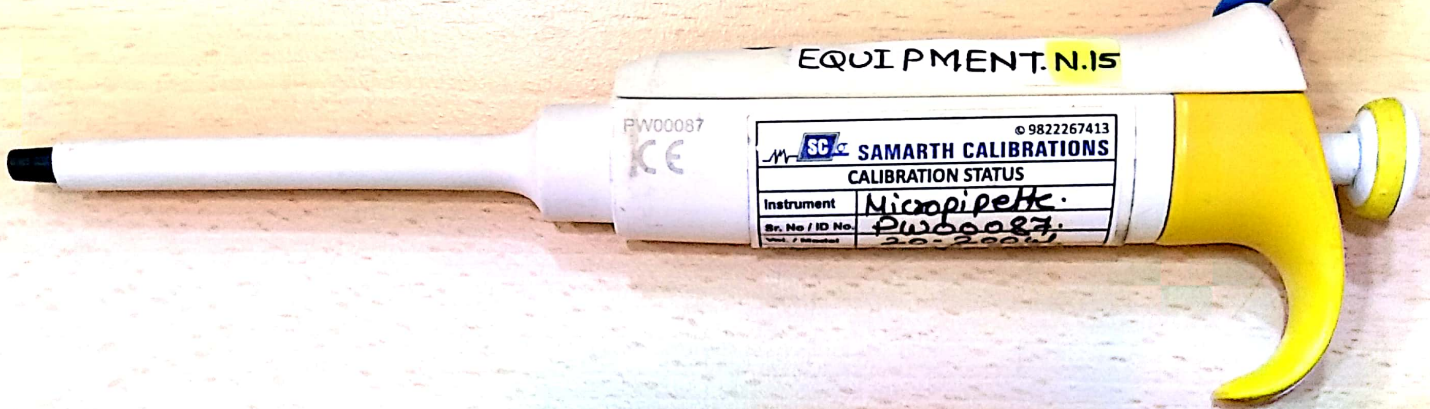
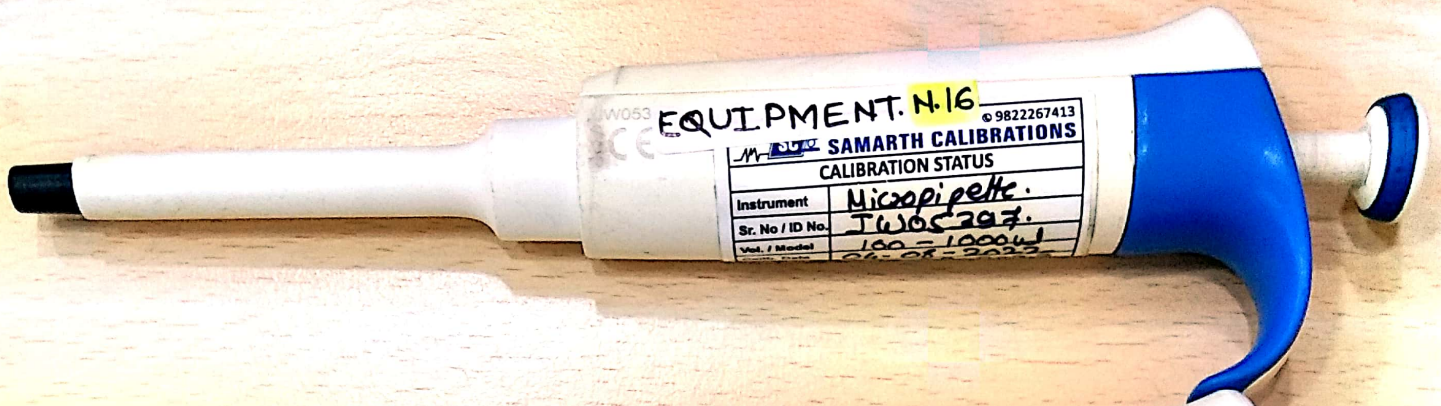
Works Without Stabilizer  
100V-310V\*  
Protection Against Fluctuation

\*Under test conditions conducted at LG's in-house laboratory, actual environment may vary.

Smart  
Diagnosis™  
Detects Problem  
Automatically









QUALITY MANAGER

*[Handwritten Signature]*

| SHREE DIAGNOSTIC CENTRE, KALYAN |                           |          |                        |                      |              |               |                     |                         |                                    |
|---------------------------------|---------------------------|----------|------------------------|----------------------|--------------|---------------|---------------------|-------------------------|------------------------------------|
| EQUIPMENT LIST -2022 -2023      |                           |          |                        |                      |              |               |                     |                         |                                    |
| S.No                            | Equipment Name            | UID      | Make and Model No.     | SREIAL NO            | LAB ID,NO    | Received date | Date of calibration | Due date of calibration | Name of calibration agency         |
| 1                               | CENTRIFUGE -1             | EQU-P-04 | REMI R 303             | ZDLN29680            | SDC/CEN/01   | 2022          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 2                               | CENTRIFUGE -2             | EQU-P-05 | NEUATION D06           | QK052008             | SDC/CEN/02   | 2021          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 3                               | REFRIGERATOR              | EQU-P-06 | REFRIGERATOR (LG-01)   | GL-<br>T402LPZU/2020 | SDC/FRZ/01   | 2020          | 30-08-2022          | 29-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 4                               | THERMOHYGROMETER          | EQU-P-07 | THERMOHYGROMETER HTC 1 | TECH/MTHI-001        | SDC/HVGR0/01 | 04-11-2020    | 05-02-2022          | 04-02-2023              | RK TECHNOLOGIES (CC-2497)          |
| 5                               | DIGITAL THERMOMETER-1     | EQU-P-08 | MULTI THERMOMETER      |                      | SDC/THR/01   | 2020          | 05-02-2022          | 04-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 6                               | DIGITAL THERMOMETER-2     | EQU-P-09 | MULTI THERMOMETER      |                      | SDC/THR/02   | 2020          | 05-02-2022          | 04-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 7                               | DIGITAL THERMOMETER-3     | EQU-P-10 | MULTI THERMOMETER      |                      | SDC/THR/03   | 2020          | 05-02-2022          | 04-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 8                               | DRY BATH                  | EQU-P-11 | SPAN                   | IC 01176             | SDC/DBINC/01 | 2020          | 05-02-2022          | 04-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 9                               | FINNPIPE ( 10 ul)         | EQU-P-12 | FINNPIPE               | F 94565              | SDC/PIP/02   | 2020          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 10                              | FINNPIPE ( 5 ul)          | EQU-P-13 | FINNPIPE               | GH 57449             | SDC/PIP/01   | 2020          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 11                              | FINNPIPE ( 5 -50 ul)      | EQU-P-14 | FINNPIPE               | VF 0168/6            | SDC/PIP/03   | 2020          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 12                              | FINNPIPE ( 20 -200 ul)    | EQU-P-15 | FINNPIPE               | PW 00087             | SDC/PIP/04   | 2020          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |
| 13                              | FINNPIPE ( 100 - 1000 ul) | EQU-P-16 | FINNPIPE               | JW05397              | SDC/PIP/05   | 2020          | 04-08-2022          | 03-02-2023              | GLOBAL TECHNICAL SERVICES(CC-2957) |

