



SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

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E-mail Id : customercare@shriraminstitute.org

CALIBRATION CERTIFICATE NO : C1/0000133323

Issued To :

Client Code : (AMBL01N0559)
NARINDRA SCIENTIFIC INDUSTRIES
OFFICE/FACORY, UNIT -I # 1085/5, KANTA
COMPLEX, OLD ALLU GODOWN
AMBALA CANTT
HARYANA-133001
Kind Attn: MR. RAJESH SHARMA

Date : 10-07-2019
Job No : 1806-1-301-4267
Booking No : RG1819/1/3801
Booking Date : 29-06-2019
Customer Ref No. : -
Customer Ref Dt : 28-06-2019



One item, described as Digital Thermometer, Make OMSONS, Model No. 1315, Range -50 °C to 150 °C
Least Count 0.001 °C; was received.

Date of receipt	Date of calibration	Recommended due date of calibration [#]
29.06.2019	04.07.2019	04.07.2021

- Type : Digital Temperature Indicator with Sensor
- Identification on item : Make OMSONS, Model No. 1315
(under calibration)
- Calibration required at, °C : -45, 0, 50, 100 & 150
- Least count, °C : 0.001
- Environmental condition : (25 ± 3) °C & (45 to 75) % RH
- Methodology of calibration : As per SOP/Thermal Calibration/04
- Major equipment used : Digital PRT traceable to NPL, New Delhi vide Certificate No. 17120855/DI.03/C-162 valid up to 22.01.2021.
- Results of comparison are as follows (in °C):

Thermometer reading	*Correction to reading	Actual temperature	Expanded uncertainty of measurement
-45.000	-0.466	-45.466	0.070
0.000	+0.169	0.169	0.070
50.000	+0.232	50.232	0.070
100.000	+0.283	100.283	0.070
150.000	-0.348	149.652	0.070

* The correction has to be algebraically added to the thermometer reading in order to get the actual temperature.

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor $k=2$ such that coverage probability corresponds to approximately 95%.

Temperature Scale: International Temperature Scale: 1990 (ITS-90)
Validity of two years is given as per customer's request.

NOTE: The calibration results reported in this certificate are valid at the time of and under the stated conditions of measurement for the particular item identified above and calibrated at SRI Calibration Laboratory.

AUTHORISED SIGNATORY
EMPLOYEE CODE: (5210)

CC : omsansnsi@yahoo.com, omsonsisi@gmail.com

1/1

CAL-01(Rev-03)

Scanned copies/photocopies or any other copies should be authenticated by reference to the original report.

Phone : 91-11-27667267, 27667983, 27667860
See overleaf for terms & conditions

Fax : 91-11-27667676, 27667207

OMSONS

CALIBRATION LABORATORY

NARINDRA SCIENTIFIC INDUSTRIES

AN ISO/IEC 17025:2005 ACCREDITED CALIBRATION LABORATORY

Calibration Certificate

Certificate No-210251



NABL
Certificate No. CC-2436

Date of Receipt
Jan 09,2021

Date of Calibration
Jan 09,2021

Product Serial No.
162806

Next Due Date of Calibration
Jan 08,2023

Name of User :

Supplied Through Type :

M/S : GYAN SCIENTIFIC AGENCIES - VARANASI (U.P)
"OMSONS" Liquid-in-glass,Solid stem thermometer

Range °C :

-10 to 50 °C

Least Count °C :

0.25 °C

Total Length :

300 mm

Immersion :

76 mm

Environmental Condition :

(25±4) °C & (35 to 70) % RH

The thermometer has been compared with the following Standard of OMSONS,traceable to SRI,New Dehli as per our procedure Sop/Thermal Calibration RD18/15.1.2016Rev00

Particulars of standard used :

Certificate No.

Digital Thermometer :

C1/0000133323

The result of comparison are as follows :

Thermometer Reading °C	Correction To Reading °C
0.00 °C	- 0.20 °C
20.00 °C	- 0.20 °C
40.00 °C	- 0.20 °C
50.00 °C	- 0.20 °C

(Uncertainty of Measurement : ± 0.07 °C (For coverage factor k=2,95% Confidence level)

The correction is positive except when indicated otherwise. It has to be algebraically added the thermometer reading in order to get the actual temperature.
Temperature scale : International Temperature Scale : 1990 (ITC-90)

Authorised Signatory

NABL URL NO : CC24362000011206615F

UNIT : Khuda Kalan to Sapehra Road, Vill. Sapehra, P.O. Pilkhani. -133104, Ambala. Haryana (INDIA)

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F-18B/Rev00