





# 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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## CALIBRATION CERTIFICATE NO : C1/0000133323

Issued To	Date	: 10-07-2019
Client Code : (AMBL01N0559)	Job No	: 1806-1-301-4267
NARINDRA SCIENTIFIC INDUSTRIES	Booking No	: RG1819/1/3801
OFFICE/FACTORY, UNIT - I # 1085/5, KANTA	Booking Date	: 29-06-2019
COMPLEX, OLD ALLU-GODOWN	Customer Ref No	: -
AMBALA CANTT	Customer Ref Dt	: 28-06-2019
HARYANA-133001		
Kind Attn: MR. RAJESH SHARMA		



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/D1.03/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.

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AUTHORISED SIGNATORY  
EMPLOYEE CODE: (5210)

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CAL-01(Rev-03)

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SHR-CT (Rev. 02)