



CALIBRATION CERTIFICATE

Thermometer

Date of Issue: 03/03/2023 Certificate No.: T/23/15

Date Received : 27/02/2023
Approved Signatory : Faiza AL Musharfy

Date of Calibration : 03/03/2023
Order No. : MET/23/25

Tested For : Renaissance Services SAOG,
P.O.Box: 1676 Postal Code : 114
Sultanate of Oman
Description : Digital Thermometer
Manufacturer : TFA
Rang : -40°C to 200 °C
Devision : 0.1C °
Serial No. : 09168
Traceability : The measured value are traceable via National Physical Laboratory
(NPL) UK, Certificate 5946T
Laboratory Temp. : 20 C° ± 1 C°

Results : The results of the measurements are given in the Table on page 2 of 2.
The thermometer was calibrated by immersion in closely controlled temperature reference environments together with two reference standard having known and traceable values of Uncertainty. The thermometer was immersed to 76 mm except other where stated otherwise. The Temperature scale in use is the International Temperature scale of 1990, ITS-90.

Certified By :
Dir. Of Metrology and Assay of Precious Metals Dep.

This certificate may not be reproduced other than in full, except with written approval of the Director of Metrology and Assay of Precious Metals Department.

The values given in this Certificate refer to those obtained at the time of test.

The reported expanded Uncertainty is based on a standard Uncertainty multiplied by a coverage factor k=2, providing a level of confidence of approximately 95%



CALIBRATION CERTIFICATE

Thermometer

Date of Issue: 03/03/2023

Certificate No.: T/23/15

Date Received : 27/02/2023
Approved Signatory : Faiza AL Musharfy

Date of Calibration : 03/03/2023
Order No. : MET/23/25

Table of Results :

Test	Thermometer	Deviation	Uncertainty
Temperature °C	Reading °C	°C	± (°C)
10	9.5	-0.5	0.2
20	19.5	-0.5	0.2
50	49.4	-0.6	0.2
100	99.3	-0.7	0.2

Remark : The values given in this Certificate refer to those obtained at the time of test.

Tested By :

Abdullah



Page 2 of 2