



✓ The Source for Calibration Professionals

CERTIFICATE OF CALIBRATION

**Issued By :**

Isotech North America, Inc
158 Brentwood Drive
Unit #4
Colchester VT 05446

Certificate Number AC-26596**Date of Issue: 5/12/2021**

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Approved Signatory

P: 802 863 8050**www.isotechna.com**D. Bartlett ☒G. Viens ☐S. Sabourin ☐

Customer : EDACI
Cnel Lynch 2684, San Justo
Provincia de Buenos Aires
Argentina

Instrument : System ID : ID04084
Description : Thermocouple (200 to 1200°C)
Manufacturer : Isotech
Model Number : 935-14-91
Serial Number : 401663-1

Cumple con Tolerancia

Firma MAGD

Fecha 09/06/2021

Calibration Info:

Date Received : 4/28/2021
Job Number : J11639-2
Order Number : S534491
Procedure Number : 871
Procedure Version : 20-1.0/N

Environmental Conditions

Temperature : 20°C ± 1°C
Relative Humidity : 30%RH ± 10%RH
Mains Voltage : 120V ± 10V
Mains Frequency : 60Hz ± 1Hz

Comments

This certificate is issued in compliance with ISO/IEC 17025:2017 and our ANAB accredited quality system. Reported measurement uncertainties are stated with a coverage factor $k=2$, corresponding to a coverage probability of 95%. This temperature device has been calibrated against a precision thermometer and probe system as outlined in the Traceable Standards below.

Traceability Information


Instrument Description	Serial Number	Certificate Number	Cal. Date	Period [Weeks]
MilliK Digital Thermometer	311317-5	AC-25953	9/8/2020	52
935-14-88 Thermocouple	391232/1	AC-26199	12/16/2020	52

Calibrated By : Ian Slay**Date of Calibration :** 5/12/2021

This certificate provides traceability of measurement to recognized National standards, through units of measurement realized at the National Physical Laboratory (NPL), National Institute of Standards & Technology (NIST) or other recognized National standards laboratories to the International System of Units. Copyright of this certificate is owned by the issuing laboratory and may not be reproduced except in full, without the prior written approval of the issuing laboratory.

Report Version V1.3



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AS FOUND RESULTS

Test Title	Applied Value	Tolerance	Reading	Uncertainty
200°C	201.72°C	± 1.5°C	201.94°C	± 0.53 °C
450°C	453.77°C	± 1.5°C	453.39°C	± 0.53 °C
700°C	705.40°C	± 1.8°C	704.92°C	± 0.53 °C
950°C	955.54°C	± 2.4°C	954.67°C	± 0.53 °C
1200°C	1204.43°C	± 3°C	1202.99°C	± 0.60 °C

Voltage Data

uV @ 201.72°C = 1457.3

uV @ 453.77°C = 3775.2

uV @ 705.40°C = 6327.1

uV @ 955.54°C = 9067.4

uV @ 1204.43°C = 11986.7

Coefficient Data

CED A= 1.949304 E-2

CED B= -5.140827 E-5

CED C= 1.945818 E-8

END OF TEST DATA