



Certificate No.: 475-9607
Procedure No.: MFR

Control No.: 600851
Page 1 of 2

UNIT UNDER TEST

Manufacturer: FLUKE
Model No.: 5606
Serial No.: 62740
Cust. Ref. No.:
Description: FULL IMMERSION PRT
Date Rec'd: 12/28/2018
Condition Rec'd: GOOD

SUBMITTED BY

Customer: K&S TECHNICAL SERVICES, INC
941 NEW LONDON ROAD
NEWARK, DE 19711
P.O. #: 10339
Precal: OUT OF SPEC Final: IN SPEC

CALIBRATION CERTIFICATE

All calibrations are performed by qualified personnel using instrumentation, procedures and methods which guarantee specifications claimed are reliable. When specified, all calibrations are performed in accordance with current ISO/IEC 17025, ANSI/NC SL Z-540-1, MIL-STD-45662A, and ENV/Pro-Lab Quality Manual - Rev 5. Standards used are traceable to The National Institute of Standards and Technology (NIST). Expanded uncertainties are calculated using methods described in the Guide to the Expression of Uncertainty of Measurement (GUM) utilizing a coverage factor of K=2 (95% confidence) and kept on file at Pro-Lab. At a minimum, standards are selected with an uncertainty of 25% or better, where possible. This certificate and/or data shall not be reproduced except in full, without the written permission of Pro-Lab Management.

Standards Used

| Asset # | Description | Certificate Number | Date Due |
|---------|---------------------------------------|--------------------|------------|
| 01081 | Platinum Resistance Thermometer | 52-VEN-2272 | 11/27/2019 |
| 1274 | PRECISION DIGITAL THERMOMETER READOUT | 52-VEN-12831 REV A | 1/31/2019 |
| 01289 | PRT PROBE | 52-VEN-10230 | 6/15/2019 |
| 01839 | Platinum Resistance Thermometer | 52-VEN-14043 | 3/16/2019 |

Temperature: 24.2 C
Humidity: 28.5% RH
Approved By: John Mcenroe
Prolab Manager
E-Signed 21-Jan-2019 7:32 AM

Date Tested: 18-Jan-2019
Date Due: 18-Jan-2020
Calibrated By: Jennifer Freed
Lab Technician
E-Signed 18-Jan-2019 3:19 PM



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CALIBRATION DATA

Fluke user guide for model #5606

Note: Calibration results may drift from documented values prior to calibration due date attributable to various factors. Results obtained apply to the UUT only and are reflective of conditions at the time of this test. Measurement uncertainty is not taken into account when statements of compliance with specifications are made.

Results are obtained by setting the Unit Under Test (UUT) to the nominal value and recording the error from the standard (As Found/Final). To

Temperature

| Description | UUT | As Found | Final | Min. | Max. |
|-------------|----------|----------|----------|----------|------------|
| °C | -195.000 | -195.966 | -194.988 | -195.050 | -194.950 A |
| °C | -38.000 | -38.142 | -37.984 | -38.050 | -37.950 A |
| °C | 0.000 | -0.051 | -0.005 | -0.050 | 0.050 A |
| °C | 100.000 | 99.937 | 99.961 | 99.950 | 100.050 A |
| °C | 150.000 | 149.884 | 149.969 | 149.950 | 150.050 A |