

Certificate No.: 4752-1132580
Procedure No.: 1102



Control No.: 617455
Page 1 of 2

UNIT UNDER TEST

Manufacturer: FLUKE
Model No.: 5627A
Serial No.: 943929
Cust. Ref. No.: N/A
Description: PRT PROBE
Date Rec'd: 12/4/2020
Condition Rec'd: GOOD

SUBMITTED BY

Customer: K&S TECHNICAL SERVICES, INC
941 NEW LONDON ROAD
NEWARK, DE 19711
P.O. #: 10355
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/NCSL 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
1274	PRECISION DIGITAL THERMOMETER READOUT	52-VEN-2774	4/2/2021
01840	Platinum Resistance Thermometer	52-VEN-16136	1/24/2021
00985	REFERENCE THERMOMETER	4753-1088851	9/10/2021

Temperature: 20.5 C
Humidity: 32.5% RH
Approved By: Jennifer Shelly
Laboratory Supervisor
E-Signed 14-Dec-2020 11:57 AM

Date Tested: 14-Dec-2020
Date Due: 14-Dec-2021
Calibrated By: Samuel Depue
Calibration Technician
E-Signed 14-Dec-2020 9:43 AM



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CALIBRATION DATA

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.

Temperature

Description	Standard	As Found	Final	Min.	Max.
°C	-195.000	-194.962	-195.008	-195.025	-194.975 A
°C	-38.000	-37.897	-38.013	-38.025	-37.975 A
°C	0.000	0.134	-0.002	-0.025	0.025 A
°C	100.000	100.182	99.990	99.975	100.025 A
°C	300.000	300.019	300.004	299.975	300.025