



**Certificate of Calibration & Compliance For:**  
**ACCURATE CALIB & REPAIR SERV., INC**  
 1924 PINNACLE DR.  
 AURORA, IL 60502



CALIBRATION  
 NVLAP LAB CODE: 200496-0

GeoCorp, Inc.  
 www.geocorpinc.com  
 9010 River Road • Huron, Ohio 44839  
 P: 419-433-1101 F: 419-433-1102  
 17025 Accredited Lab

NVLAP is a U.S. Government entity  
 administered by the NIST, an agency  
 of the Department of Commerce.

*J*

Calibration #	BB2895	Temperature	Reading		Correction		ASTM E29 AVG. CORRECTION
			FRONT	BACK	FRONT	BACK	
Degree:	° F	Point					
		100	99.9	99.9	0.1	0.1	0.1
P.O. #:	2021023	200	199.8	199.8	0.2	0.2	0.2
		400	399.4	399.3	0.6	0.7	0.6
Description:	Thermocouple Wire	600	598.7	598.6	1.3	1.4	1.4
TYPE	K	700	698.5	698.4	1.5	1.6	1.6
1000'	K20-2-HG	800	798.4	798.3	1.6	1.7	1.6
		900	898.3	898.2	1.7	1.8	1.8
		1000	998.1	998.0	1.9	2.0	2.0
		1100	1097.8	1097.7	2.2	2.3	2.2
		1200	1197.5	1197.4	2.5	2.6	2.6
		1400	1397.8	1397.9	2.2	2.1	2.2
		1600	1598.6	1598.7	1.4	1.3	1.4
		1800	1799.2	1799.3	0.8	0.7	0.8
Spool Length:	1000'						
Spool #	GK00925-14-3A						
Test Date:	4/28/2021						
Job #:	248516						

This Item meets ASTM E230  Special Limits  Standard Limits  New Calibration  Recalibration  
 BAC 5621 L, Table V +/- 2 °F (+/- 1.1 °C) to 1000° F, +/- 0.4% above  AMS 2750 F Noble Metal +/- 1° F (+/- 0.6 °C) or +/- 0.1%  
 BAC 5621 L, Table V, FL 4 +/- 2 °F (+/- 1.1 °C) or +/- 0.4%  AMS 2750 F Base Metal +/- 2° F (+/- 1.1 °C) or +/- 0.4%

The calibrated equipment used for this test, listed below, is maintained in accordance with AMS 2750F, BAC 5621L (no PSD's), ANSI/NCSL Z540-3, ISO 10012, ISO/IEC 17025, RRP 54000, PWA (F-40). Measurement results are traceable to standards maintained at the NIST. Test methods are per ASTM E220-19, ASTM E230/E230M-17, GEOCORP QW-001-O

NIST SENSOR: 0000001650 Calibrated: 10/2/2020 Due: 10/2/2021 Type: S	Primary Sensor: A-4309 Calibrated: 1/21/2021 Due: 1/21/2022 Type: S	Primary Inst: Keithley 2701 S/N: 4096981 Calibrated: 7/8/2020 Due: 7/8/2021	Humidity: 40% Nominal Ambient Temp 72° F Immersion Depth: 24" tech: AG by: AG Issue Date: 4/28/2021
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Estimated uncertainty, k=2, 95 %  
 Thermocouple Types-K and N: -196 °C to <0 °C = 0.71 °C; 0 °C to 1093 = 0.89 °C; >1093 to 1344 = 1.9 °C  
 Thermocouple Type-J: -196 °C to <0 °C = 0.70 °C; 0 °C to 760 °C = 0.88 °C

*Noreen Roth*  
 NOREEN ROTH  
 APPROVED SIGNATORY

TYPE  
**K Thermocouple Wire**

