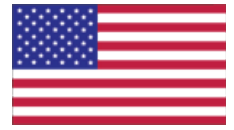




# LIG Thermometer Certification

PTC Metrology® Temperature Laboratory  
ISO/IEC 17025 & ANSI/NCSL Z540-1 Compliant



Made In U.S.A.

## • A2LA Accredited NIST Traceable Certifications for LIG Thermometers



PTC Metrology® meets the requirements of ISO/IEC Guide 17025, ANSI/NCSL Z540-01, and ISO 9001 or 9002 for NIST traceable certifications.

Certifications will include: as received and as returned data; a statement of uncertainty; laboratory conditions; and information on the primary standards.

Minimum charge per instrument tested is **\$80.00**.

To assist you in choosing test points, please refer to ASTM E-77 and NIST recommendations.

| Temperature Range °C           | Temperature Range °F         | Price           |
|--------------------------------|------------------------------|-----------------|
| Liquid Nitrogen approx. -196°C | Liquid Nitrogen approx. -320 | <b>\$150.00</b> |
| -75°C to < -37°C               | -103°F to < -35°F            | <b>\$92.50</b>  |
| -37°C to < 0°C                 | -35°F to < 32°F              | <b>\$68.50</b>  |
| Triple Point of water +0.01°C  | --                           | <b>\$165.00</b> |
| 0°C to 100°C                   | 32°F to 212°F                | <b>\$44.25</b>  |
| >100°C to 200°C                | >212°F to 392°F              | <b>\$55.75</b>  |
| >200°C to 300°C                | >392°F to 572°F              | <b>\$67.00</b>  |
| >300°C to 370°C                | >572°F to 700°F              | <b>\$93.75</b>  |
| >370°C to 405°C                | >700°F to 752°F              | <b>\$119.00</b> |

### Calibration Procedures

NIST traceable primary reference standards are used in accordance with PTC Metrology®'s ISO/IEC 17025 compliant procedures which meet the requirements of ISO 9000 Series quality standards. The Unit Under Test (UUT) is inspected under polarized light utilizing a Polariscope for stress; the capillary is inspected under magnification to check for contaminants and discernible irregularities; and the UUT is held at 23°C for 72 hours. The UUT is compared with standard thermometers held by PTC Metrology®. All measurements are traceable to NIST. Temperature scale used is the ITS-90. PTC Metrology® is an A2LA accredited laboratory for temperature calibration.

### Packaging

PTC Metrology® can provide you with packaging material to send in your liquid in glass thermometer for calibration and certification.

### Notification of next due calibration

PTC Metrology® will notify you by email when your instrument is due for recalibration, in accordance with the period of validity your quality system specifies.

### Other Calibration Services

PTC Metrology® can also certify: ASTM Thermometers, PRT's, Thermocouples & Probes, Bimetal Stem, Bimetal Surface Thermometers, and Digital Thermometers.

TOLL FREE: 877-782-2329  
OUTSIDE U.S.: 310-478-1134  
LOS ANGELES, CA 90064-1482

WEB: [HTTP://WWW.PTC1.COM](http://www.ptc1.com)  
E-MAIL: [SALES@PTC1.COM](mailto:SALES@PTC1.COM)  
FAX: 310-312-0826

