



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ALPHA ASSEMBLY SOLUTIONS
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CHEMICAL

Valid To: February 28, 2026

Certificate Number: 2787.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on solders.

| <u>Test Description</u> | <u>Test Method</u> |
|---|--------------------|
| Gravimetric Density | |
| Tin Content | WI-00046 |
| Spectroscopy | |
| Inductively Coupled Plasma Spectroscopy (ICP) Ag, Al, As, Au, B, Bi, Ca, Cd, Ce, Co, Cr, Cu, Fe, Ga, Ge, Hg, In, K, Mg, Mn, Mo, Na, Ne, Ni, P, Pb, Pd, Pt, S, Sb, Se, Si, Sn, Te, Ti, Tl, Y, Z, Zn | WI-01232 |
| Optical Emission Spectroscopy (OES) Ag, Al, As, Au, Bi, Cd, Cu, Fe, Ge, Hg, In, Ni, P, Pb, S, Sb, Sn, Zn | WI-01231 |
| Wavelength Dispersive X-Ray Fluorescence Spectroscopy (XRF) Ag, Al, As, Au, Bi, Cd, Cu, Fe, Ge, In, Ni, P, Pb, S, Sb, Sn, Zn | WI-01233 |
| Titration | |
| Silver Content | WI-01225 |
| Tin Content | WI-01218 |



Accredited Laboratory

A2LA has accredited

ALPHA ASSEMBLY SOLUTIONS

Altoona, PA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 13th day of March 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2787.01
Valid to February 28, 2026

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.