



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

ALPHA ASSEMBLY SOLUTIONS
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CHEMICAL

Valid To: February 29, 2020

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>
Titration	
Tin Content	WI-01218
Silver Content	WI-01225
Spectroscopy	
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, In, Ni, P, Pb, S, Sb, Sn, Zn	WI-01233
Inductively Coupled Plasma Spectroscopy (ICP) Ag, Al, As, Au, Bi, Cd, Cu, Fe, Ge, Hg, In, Na, Ni, P, Pb, S, Sb, Sn, Zn	WI-01232
Gravimetric Density	
Tin Content	WI-01239



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 17025:2005 *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 28th day of May 2018

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2787.01
Valid to February 29, 2020

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