



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY DALEVILLE

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 Daleville, IN 47334  
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CHEMICAL

Valid To: August 31, 2026

Certificate Number: 0174.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on materials, metals and fasteners:

<b>Test(s):</b>	<b>Test Method(s):</b>
<u>Spectroscopy</u>	
ICP - (Ag, Al, Ar, As, Au, B, Ba, Be, Bi, C, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, I, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, N, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Rb, Re, Rh, Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr)	ASTM E1479, E2594, E2371; CTP 3101 <sup>1,2</sup>
Atomic Absorption - Graphite Furnace (Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Cl, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg, Ho, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Rb, Re, Rh, Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr)	ASTM E1184; CTP 3096-2 <sup>2</sup>
Optical Emission - (Al, As, B, Be, Bi, C, Cd, Ce, Co, Cr, Cu, Fe, Hf, Mg, Mn, Mo, N, Nb, Ni, P, Pb, S, Sb, Si, Sn, Ta, Te, Ti, V, W, Y, Zn, Zr)	ASTM E415, E1086, E1251; CTP 3094 <sup>2</sup>
X-ray Analysis - (Ag, Al, As, B, Ba, Be, Bi, Co, Cr, Cu, Fe, Ga, Hf, La, Mg, Mn, Mo, Nb, Ni, P, Pb, Rh, Ru, S, Si, Sn, Sr, Ta, Ti, V, W, Y, Zn, Zr)	ASTM E322, E539, E572, E1085, E1621; CTP 3093 <sup>2</sup>
<u>Combustion / Inert Gas Fusion</u>	
Combustion (LECO) (C, S)	ASTM E1019, E1941; CTP 3098 <sup>2</sup>
Inert Gas Analysis (LECO) (H, N, O)	ASTM E1019, E1409, E1447; CTP 3097 <sup>2</sup> , CTP 3008-1 <sup>2</sup>

<b>Test(s):</b>	<b>Test Method(s):</b>
<u>Wet Chemistry</u>	
Gravimetric	ASTM E478; CTP 3024 <sup>2</sup>
Electrochemical Deposition	ASTM E53; CTP 3024 <sup>2</sup>
<u>Physical Properties</u>	
Density	ASTM B311; CTP 3030-1 <sup>2</sup>
Coating Weight	ASTM A90/A90M; CTP 3068 <sup>2</sup> , CTP 3069 <sup>2</sup>
Mercurous Nitrate	ASTM B154; PTP 1044 <sup>2</sup>

<sup>1</sup>This standard is a specification and is used to support the ICP test methods on the Lab's scope.

<sup>2</sup>In-House Test Method.





# Accredited Laboratory

A2LA has accredited

## ELEMENT MATERIALS TECHNOLOGY DALEVILLE

Daleville, IN

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 22<sup>nd</sup> day of November 2024.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0174.01  
Valid to August 31, 2026

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