SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY DETROIT – WIXOM
51229 Century Court
Wixom, MI 48393-2074
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CHEMICAL

Valid To: May 31, 2027 Certificate Number: 0098.08

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on metals, ores, slags, and other metal-related substances, consumer products, computer components, and metal fasteners:

Test Technology	Test Method(s)
Cleanliness	ISO 4405, 4406 ,4407; ISO 16232; VDA Verband 19
Combustion (Leco C, S, N, O, H)	ASTM E1019, ASTM E1409, ASTM E1941
Inductively Coupled Plasma Spectroscopy (ICP) (Ag, Al, As, B, Be, Co, Cr, Cu, Fe, Mg, Mn, Mo, Nb, Ni, P, Pb, Sb, Si, Sn, Sr, Ta, Ti, V, W, Zn, Zr)	ASTM E1479, ASTM E1097; SOP CH-IO-006
Spark OES/AES (Atomic Emission Spectrometry) (Al, B, C, Cr , Cu, Fe, Mg , Mo ,Mn, Nb (Cb), Ni, P, Pb S, Si, Sn, Ti, V,Zn, Zr)	ASTM E415, ASTM E1086, ASTM E1251
Fourier Transform Infrared Spectroscopy (FTIR) (Qualitative)	ASTM D276, ASTM D2124, ASTM D3677, ASTM E1252
Wet Chemistry	
Electrolytic (Cu)	ASTM E53, E75 (Sections 12 to 15) (Withdrawn 2010), E76 (Sections 9 to 13) (Withdrawn 2003)

SOP – Element Wixom Standard Operating Procedures available upon request

Accredited Laboratory

A2LA has accredited

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Wixom, MI

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 2nd day of May 2025.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0098.08
Valid to May 31, 2027

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