

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY DALEVILLE  
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CHEMICAL

Valid To: November 30, 2024

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:

**Test(s):**

**Test Method(s):**

Spectroscopy

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

**Test(s):**

**Test Method(s):**

Combustion / Inert Gas Fusion

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>

Wet Chemistry

Gravimetric

ASTM E478; CTP 3024<sup>2</sup>

Electrochemical Deposition

ASTM E53; CTP 3024<sup>2</sup>

Physical Properties

Density

ASTM B311; CTP 3030-1<sup>2</sup>

Coating Weight

ASTM A90/A90M; 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.

