



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LABORATORY TESTING, LLC.
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CHEMICAL

Valid To: March 31, 2027

Certificate Number: 0117.05

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory to perform the following chemical tests on adhesives, animal drugs, fasteners, coatings, coal, paper, foods, plastics and polymers, petroleum products (oil, tar, lubricants), surfactants, tobacco, and metals²:

<u>Test(s)</u>	<u>Test Method(s)</u>
Additive Manufacturing Testing	
Density of Powder Metallurgy (PM) Materials	ASTM B311
Density, Oil Content and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings	ASTM B328
Powder Size Distribution by Light Scattering	ASTM B822, MAS-PSD-B822-0
Sieve Analysis of Metal Powders	ASTM B214, MAS-Sieve-1
Tap Density of Metal Powders	ASTM B527; ISO 3953, MAS-MP-TAP
Flow Rate of Powder Metals	ASTM B213, ASTM B964, MAS-MP-FLOWRATE
Apparent Density of Metal Powders	ASTM B212, ASTM B417, ISO 3923-1, MAS-MP-APDENSITY
Combustion / Fusion (LECO) (C, S, H, N, O)	ASTM E1019, E1941, E1447, E1409
Corrosion Tests	
Intergranular Corrosion Susceptibility	ASTM A262 (Practices A, B, C, E, F), ASTM G28, MAS-CORR, MAS-ASTM G28
Pitting & Crevice Corrosion Susceptibility Test Temperature 20°C - 85°C	ASTM A923C, G48, G28, MAS-CORR-923, MAS-ASTM-G48
Environmental Simulation	
Salt Spray (Fog)	ASTM B117; MIL-STD-202, 810; NASM-1312-1, MAS-SALT SPRAY
Fourier Transform Infrared Analysis	ASTM E1252
Gravimetric, Titrimetric, Volumetric	
Elemental Wet Chemistry of Iron, Nickel, Chrome, and Cobalt Alloys (Cr, Cu, Fe, Mn, Mo, Ni, P, Si)	ASTM E350/1/2/3/4, 86-WC-1

<u>Test(s)</u>	<u>Test Method(s)</u>
Gravimetric, Titrimetric, Volumetric	
Iron alloy based Titration	ASTM E350/1/2/3/4
Weight of Coating on Aluminum-Coated Iron or Steel Articles	ASTM A428
Weight of Coating on Zinc-Coated (Galvanized or Steel) Articles	ASTM A90
ICP (AES)	
(Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, 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, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Tc, Te, Ti, Tm, Th, Tl, U, V, W, Y, Yb, Zn, Zr)	ASTM E2371, E2594, ASTM E3061, MAS-ICP
ICP (MS)	
(Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Ce, Cd, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Ge, Gd, Hf, Hg, Ho, In, Ir, La, Li, Lu, K, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Os, Rh, Ru, Rb, Re, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Tc, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn,)	ASTM E2823, MAS-ICPMS
Optical Emission Spectroscopy (OES)	
Steel, Stainless Steel, Al, Ni, Co & Ti alloys (Al, B, C, Co, Cr, Cu, Fe, H, Mg, Mn, Mo, N, Nb, P, S, Si, Sn, Ta, Ti, V, W, Zn, Zr)	ASTM E34, E227, E327, E415, E1086, E1251, E2994, E3047, CL-AES

¹ This laboratory performs field testing activities for these tests.

² This scope meets A2LA's *P112 Flexible Scope Policy*.



Accredited Laboratory

A2LA has accredited

LABORATORY TESTING, LLC.

Hatfield, 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 25th day of April 2025.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 117.05
Valid to March 31, 2027

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