



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LABORATORY TESTING, INC.
2331 Topaz Drive
Hatfield, PA 19440
Jonathan Faia Phone: 800 219 9095
JFaia@labtesting.com

CHEMICAL

Valid To: March 31, 2025

Certificate Number: 0117.05

In recognition of the successful completion of the A2LA evaluation process (including compliance to R223 – Specific Requirements – GE Aviation S-400 Accreditation Program), 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 metals:

<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
Sieve Analysis of Metal Powders	ASTM B214
Tap Density of Metal Powders	ASTM B527; ISO 3953
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)
Pitting & Crevice Corrosion Susceptibility	ASTM A923C, G48, G28
Environmental Simulation	
Salt Spray (Fog)	ASTM B117; MIL-STD-202, 810; NASM-1312-1
Fourier Transform Infrared Analysis	ASTM E1252
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

Test(s)

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)

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,)

Optical Emission Spectroscopy (OES) of 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)

Test Method(s)

ASTM E2371, E2594

ASTM E2823

ASTM E34, E227, E327, E415, E1086, E1251

¹ This laboratory performs field testing activities for these tests.



Accredited Laboratory

A2LA has accredited

LABORATORY TESTING, INC.

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 laboratory also meets the requirements of R223 – Specific Requirements: GE Aviation S400 Accreditation Program. 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 1st day of March 2023.

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, 2025

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