



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LABORATORY TESTING, INC.
2331 Topaz Drive
Hatfield, PA 19440
Ed Deeny Phone: 800 219 9095

CHEMICAL

Valid To: March 31, 2023

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>
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)	ASTM E34, E227, E327, E415, E1086, E1251
Gravimetric, Titrimetric, Volumetric	
Iron alloy based Titration	ASTM E350/1/2/3/4
Density, Oil Content and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings	ASTM B328
Density of Powder Metallurgy (PM) Materials	ASTM B311
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

Test(s)

Test Method(s)

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 C1637, E2823

Combustion / Fusion (LECO)

(C, S, H, N, O)

ASTM E1019, E1941, E1447, E1409

Portable X-ray Fluorescence (PMI)¹

ASTM E572, E1476

Fourier Transform Infrared Analysis

ASTM E1252

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

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 25th day of February 2021.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 117.05
Valid to March 31, 2023

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