



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CONSTELLATION TECHNOLOGY CORPORATION

7887 Bryan Dairy Road, Suite 100
Largo, FL 33777-1498
Donna Swartz Phone: 727 547 0600

CHEMICAL

Valid To: December 31, 2026

Certificate Number: 1171.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on adhesives and sealants; clay, ceramic and related products; coatings; metals and alloys; ore and minerals; paint, pigment and related surface coatings; petroleum products (lubricant/solvent); pickling and plating solutions; plastics, polymers, and resins:

Test

Test Method(s)

Spectroscopy

Atomic Emission (ICP)

Ag, Al, As, Au, B, Ba Be, Bi, Ca, Cd, Ce,
Co, Cr, Cu, Eu, Fe, Ga, Gd, Ge, Hg, Hf, Ho,
In, K, La, Li, Mg, Mn, Mo, Na, Nb, Nd, Ni,
P, Pb, Pd, Pr, Pt, Re, Rh, S, Sb, Sc, Se, Si, Sn,
Sr, Ta, Te, Th, Ti, U, V, W, Y, Yb, Zn, Zr

ASTM D1971 (Method B), D1976, E1613,
F3139; AL0025¹; CPSC-CH E1001, E1002,
E1003

X-Ray Diffraction (XRD)

AL0067¹

Fourier Transform Infrared Spectroscopy (FTIR)

ASTM E334, E1252

Energy Dispersive Spectroscopy (EDS)

ASTM E1508

Chromatography

Ion Chromatography (IC)

F⁻, Cl⁻, NO₂⁻, NO₃⁻, PO₄⁻³, SO₄⁻²

ASTM D4327; IPC-TM-650 (Section
2.3.28)

Gas Chromatography/Mass Spectrometry
(GC/MS)

ASTM D4128; CPSC-CH-C1001

Gas Chromatography

ASTM E260

Wet Chemistry Measurements

Karl Fischer Moisture

ASTM E203

Differential Scanning Calorimetry (DSC)

ASTM E794, D3418

Thermogravimetric Analysis (TGA)

ASTM E1131

Combustion/Fusion Elemental Analysis

Carbon, Sulfur, Nitrogen, Oxygen

ASTM E1019

Hydrogen

ASTM E1447

Miscellaneous

Density/Specific Gravity

ASTM D792

¹In-house method



Accredited Laboratory

A2LA has accredited

CONSTELLATION TECHNOLOGY CORPORATION

Largo, FL

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 17th day of December 2024.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1171.01
Valid to December 31, 2026

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