



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CONSTELLATION TECHNOLOGY CORPORATION

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Largo, FL 33777-1498
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CHEMICAL

Valid To: December 31, 2024

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

Wavelength Dispersive X-Ray Fluorescence
(WDXRF)

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

AL0024¹; ASTM E572, E1085, E1621, E2465;
CPSC-CH E1001

X-Ray Diffraction (XRD)

Fourier Transform Infrared Spectroscopy (FTIR)

Energy Dispersive Spectroscopy (EDS)

AL0067¹

ASTM E334, E1252

ASTM E1508

Chromatography

Ion Chromatography (IC)

F⁻, Cl⁻, NO₂⁻, NO₃⁻, PO₄⁻³, SO₄⁻²

Gas Chromatography/Mass Spectrometry (GC/MS)

Gas Chromatography

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

ASTM D4128; CPSC-CH-C1001

ASTM E260

Test

Test Method(s)

Wet Chemistry Measurements

Karl Fischer Moisture
Differential Scanning Calorimetry (DSC)
Thermogravimetric Analysis (TGA)
Thermomechanical Analysis (TMA)

ASTM E203
ASTM E794, D3418
ASTM E1131
ASTM E831

Combustion/Fusion Elemental Analysis

Carbon, Sulfur, Nitrogen, Oxygen
Hydrogen

ASTM E1019
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 8th day of November 2022.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1171.01
Valid to December 31, 2024

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