



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ST. LOUIS TESTING LABORATORIES, INC.  
A SUBSIDIARY OF  
INDUSTRIAL INSPECTION & ANALYSIS, INC.  
2810 Clark Avenue  
St. Louis, MO 63103  
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CHEMICAL

Valid To: July 31, 2023

Certificate Number: 0397.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory for tests on the following products and materials: steel, stainless steel, aluminum and alloys, brass and bronze, copper and alloys, titanium, zinc coating, nickel and cobalt alloys, polymers, paint, metallic coatings, polymer coatings, glass and ceramic materials<sup>1</sup>.

**Test Technologies**

**Test Method(s)**

ICP-AES (Alloys and Lead)

ASTM F963 (Section 4.3.5.1(2)),  
ASTM E1613, ASTM E2594;  
ICP-SLTL-002 (Rev. 1)<sup>2</sup>;  
16 CFR Part 1303;  
CPSC-CH-E1001-08,  
CPSC-CH-E1002-08,  
CPSC-CH-E1003-09

Gas Chromatography Mass Spectrometry

CPSC-CH-C1001-09.4;  
16 CFR Part 1308

X-Ray Fluorescence Spectroscopy (XRF, PMI)

ASTM E2119,  
ASTM E572;  
16 CFR Part 1303

<sup>1</sup> The Consumer Product Safety Improvement Act (CPSIA) requires that every children's product subject to a federal consumer product safety requirement be tested by a Consumer Product Safety Commission (CPSC) accepted laboratory for compliance with the applicable federal children's product safety requirements. Accreditation by A2LA does not infer acceptance by the CPSC. Please verify this organization's acceptance status by using the CPSC's searchable database, located at <http://www.cpsc.gov/cgi-bin/labsearch/>.

<sup>2</sup> In-house method using modified ASTM E2594.

**Test Technologies****Test Method(s)**

|  |  |
|--|--|
| Optical Emission Spectroscopy of Steel Alloys, Stainless Steels, Cast Iron, Aluminum Alloys (Al, Ar, B, Be, Bi, Bo, C, Ca, Co, Cr, Cu, Fe, Ga, Li, Mg, Mn, Mo, N, Na, Nb, Ni, P, Pb, S, Sb, Si, Sn, Sr, Ti, V, Zn, Zr) | ASTM E415,<br>ASTM E1086,<br>ASTM E1999,<br>ASTM E1251   |
| Combustion Analysis (C and S)  | ASTM E1019   |
| SEM/EDS  | ASTM E1508   |
| Fourier Transform Infrared Spectroscopy  | ASTM E1252   |
| Thermographic Analysis   | ASTM D6370   |
| Differential Scanning Calorimetry  | ASTM D3418   |
| Cathodic Disbondment   | ASTM G95   |
| Coating Permeability   | ASTM E96/E96M  |
| Coating Adhesion   | ASTM D4541   |
| Soluble Migrated Elements  | ASTM F2075 (Sections 4.5.2 and 8)                        |
| Soluble Element Test   | ASTM F963-17<br>(Sections 4.3.5.1 (2), 4.3.5.2, and 8.3) |
| Phthalates   | 16 CFR 1308;<br>CPSC-CH-C1001-09.4 (2018)                |





## Accredited Laboratory

A2LA has accredited

# ST. LOUIS TESTING LABORATORIES, INC. A SUBSIDIARY OF INDUSTRIAL INSPECTION & ANALYSIS, INC.

*St. Louis, MO*

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 9<sup>th</sup> day of August 2021.

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

Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 0397.01  
Valid to July 31, 2023

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