



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

TTL LABORATORIES - A DIVISION OF
R.I. ANALYTICAL LABORATORIES, INC.
41 Illinois Avenue
Warwick, RI 02888-3007
Ben Miranda Phone: 401 562 1333

MECHANICAL

Valid to: March 31, 2021

Certificate Number: 2815.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following types of tests on toys and children's products^{1,2}

Test Type/Technology	Test Method(s)
Standard Consumer Safety Specification for Toy Safety – Safety Requirements	(ASTM F963-17) 4.3.5.1 (2) (ASTM F963-17) Surface Coating Materials - Soluble Test for Metals 4.3.5.2 (ASTM F963-17), Toy Substrate Materials

¹ 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/>.

² This accreditation covers testing performed at the main laboratory listed above, and the satellite laboratory listed below.

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15 Lark Industrial Parkway
Smithfield, RI 02828
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Test Type/Technology	Test Method(s)
Standard Consumer Safety Specification for Toy Safety – Safety Requirements	<p>(ASTM F963-17)</p> <p>4.6 (ASTM F963-17), Small Objects (Except Labeling and/or Instructional Literature Requirements and 4.6.2 Mouth Actuated Toys)</p> <p>4.7 (ASTM F963-17), Accessible Edges (Except Labeling and/or Instructional Literature Requirements)</p> <p>4.8 (ASTM F963-17), Projections</p> <p>4.9 (ASTM F963-17), Accessible Points (Except Labeling and/or Instructional Literature Requirements)</p> <p>4.10 (ASTM F963-17), Wires or Rods</p> <p>4.11 (ASTM F963-17), Nails and Fasteners</p> <p>4.12 (ASTM F963-17), Plastic Film</p> <p>4.14 (ASTM F963-17), Cords, Straps, and Elastics (Except Section 4.14.4 Strings and Lines for Flying Devices)</p> <p>4.18 (ASTM F963-17), Holes, Clearances, and Accessibility of Mechanisms</p> <p>4.19 (ASTM F963-17), Simulated Protective Devices (Except Labeling and/or Instructional Literature Requirements)</p> <p>4.25 (ASTM F963-17), Battery - Operated Toys (Except Labeling and/or Instructional Literature Requirements and Section 4.25.10 Ride-on Toys and 4.25.11 Toys that Contain Secondary Cells or Secondary Batteries)</p> <p>4.27 (ASTM F963- 17), Stuffed and Beanbag-Type Toys</p>



Test Type/Technology	Test Method(s)
Standard Consumer Safety Specification for Toy Safety – Safety Requirements (cont.)	<p>4.38 (ASTM F963-17), Magnets</p> <p>4.39 (ASTM F963-17), Jaw Entrapment in Handles and Steering Wheels</p> <p>8.5 (ASTM F963-17), Normal Use Testing</p> <p>8.6 (ASTM F963-17), Abuse Testing</p> <p>8.7 (ASTM F963-17), Impact Tests</p> <p>4.13 (ASTM F963-17), Folding Mechanisms and Hinges</p> <p>4.16 (ASTM F963-17), Confined Spaces</p> <p>4.17 (ASTM F963-17), Wheels, Tires, and Axles</p> <p>4.21 (ASTM F963-17), Projectile Toys (Except for Arrows and Toys which Contain a Discharge Mechanism in which the Kinetic Energy of the Projectile is Determined by the Toy)</p> <p>4.24 (ASTM F963-17), Squeeze Toys</p> <p>4.32 (ASTM F963-17), Certain Toys with Nearly Spherical Ends</p> <p>4.35 (ASTM F963-17), Pompoms</p> <p>4.36 (ASTM F963-17), Hemispherical - Shaped Objects</p>
CPSC Small Parts Testing Test Methods for Simulating Use and Abuse of Toys (Excluding the Bite Test)	16 CFR 1501 and 1500.50 -53





Accredited Laboratory

A2LA has accredited

TTL LABORATORIES - A DIVISION OF R.I. ANALYTICAL LABORATORIES, INC.

Warwick, RI

for technical competence in the field of

Mechanical 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 1st day of May 2019.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2815.02
Valid to March 31, 2021

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