



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

UL VERIFICATION SERVICES, INC.
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MECHANICAL

Valid To: September 30, 2020

Certificate Number: 2731.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on textiles, apparel and items intended for children¹:

Test Type/Technology	Test Method
Colorfastness to Rubbing (Crocking)	AATCC 8; CAN/CGSB 4.2 #22; ISO 105-X12
Colorfastness to Perspiration	AATCC 15; CAN/CGSB 4.2 #23
Colorfastness to Light: Xenon Arc	AATCC 16.3, Option 3
Colorfastness to Laundering, Home and Commercial: Accelerated	AATCC 61, Test 2A; CAN/CGSB 4.2 #19.1
Colorfastness to Water Spotting	AATCC 104
Colorfastness to Water: Sea	AATCC 106; CAN/CGSB 4.2 #21
Colorfastness to Water	AATCC 107; CAN/CGSB 4.2 #20; ISO 105-E01
Colorfastness to Crocking: Rotary Vertical Crockmeter Method	AATCC 116
Evaluation of Colorfastness to Drycleaning	AATCC 132 sections 8 & 9; ISO 105-D01 section 8.8
Water Repellency: Spray Test	AATCC 22
Water Resistance: Rain Test	AATCC 35
Water Resistance: Hydrostatic Pressure Test	AATCC 127
pH of the Water-Extract from Wet Processed Textiles	AATCC 81

Soil Release: Oily Stain Release Method	AATCC 130
Oil Repellency: Hydrocarbon Resistance Test	AATCC 118
Smoothness of Seams in Fabrics After Repeated Home Laundering	AATCC 88B
Retention of Creases in Fabrics After Repeated Home Laundering	AATCC 88C
Smoothness Appearance of Fabrics After Repeated Home Laundering	AATCC 124
Dimensional Changes of Fabrics After Home Laundering	AATCC 135
Dimensional Changes of Garments After Home Laundering	AATCC 150
Dimensional Changes in Domestic Laundering of Textiles	CAN/CGSB 4.2 #58
Skew changes in Fabrics After Home Laundering	AATCC 179, Methods 1 & 2
Snagging Resistance of Fabrics (Mace)	ASTM D3939
Tearing Strength of Fabrics by Falling-Pendulum Type (Elmendorf) Apparatus	ASTM D1424
Tearing Strength of Fabrics by Tongue Procedure	ASTM D2261
Vertical Wicking of Textiles	AATCC 197
Warp End Count and Filling Pick Count of Woven Fabric	ASTM D3775
Mass Per Unit Area (Weight) of Fabric	ASTM D3776, Option C; CAN/CGSB 4.2 #5.1
Bursting Strength-Diaphragm Method	ASTM D3786
Bursting Strength – Constant-Rate-of-Extension (CRE) Ball Burst	ASTM D6797
Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester	ASTM D4970
Breaking Strength and Elongation of Textile Fabrics (Grab Test)	ASTM D5034; ISO 13934-2
Breaking Strength of Fabrics – Grab Method – Constant – time-to break Principle	CAN/CGSB 4.2 #9.2
Fiber Analysis: Quantitative	AATCC 20A (Excluding Sections 8 & 9)
Finishes in Textiles: Identification (Chemical Spot Test for Formaldehyde)	AATCC 94, Section 11
Formaldehyde	JIS L1041 (2011), Section 8.2

Flammability of Blankets	ASTM D4151
Surface Water Absorption of Terry Fabrics	ASTM D4772
Absorbency of Textiles	AATCC 79
Standard for the Flammability of Clothing Textiles	16 CFR Part 1610; ASTM D1230
Standard for the Flammability of Vinyl Plastic Film	16 CFR Part 1611
Standard for the Flammability of Children's Sleepwear: Sizes 0 through 6X (FF 3-71)	16 CFR Part 1615
Standard for the Flammability of Children's Sleepwear: Sizes 7 through 14 (FF 5-74)	16 CFR Part 1616
Standard for the Surface Flammability of Carpets and Rugs	16 CFR Part 1630
Surface Flammability of Small Carpets and Rugs (FF 2-70)	16 CFR Part 1631
Flame Resistance – 45° Angle Test – One-Second Flame Impingement	CAN/CGSB 4.2, # 27.5
Flame Resistance – Methanamine tablet test for textile floor coverings	CAN/CGSB 4.2 #27.6
Rug Back Staining of Vinyl Tile	AATCC 137
Stain Resistance: Pile Floor Coverings	AATCC 175
Flammability of Sleeping Bags	ASTM F1955
A Rate-of-Burn Standard for Sleeping Bags	CPAI 75
Holding Strength of Prong-Ring Attachment Press Fasteners	ASTM D7142 - 05, Options 1 and 2
Choking Hazard Small Parts	16 CFR Part 1501
Use and Abuse (Excluding Bite Test)	16 CFR Parts 1500.50, 1500.51, 1500.52, 1500.53
Technical Requirements for Determining a Sharp Point in Toys and Other Articles Intended for Use by Children Under 8 Years of Age	16 CFR 1500.48
Technical Requirements for Determining a Sharp Metal or Glass Edge in Toys and Other Articles Intended for Use by Children Under 8 Years of Age	16 CFR 1500.49

<p><i>Standard Consumer Safety Specification for Toy Safety</i></p> <p>Small Objects Accessible Edges Accessible Points Pompoms Normal Use Testing Abuse Testing Impact Test Torque Test Tension Test Compression Test Flexure Test Test of Pompoms</p>	<p>ASTM F963-11 ASTM F963-16 ASTM F963-17</p> <p>Section 4.6, Excluding 4.6.2 Section 4.7 Section 4.9 Section 4.35 Section 8.5 Section 8.6 Section 8.7.1 Section 8.8 Section 8.9 Section 8.10 Section 8.12 Section 8.16</p>
<p><i>Canada Consumer Product Safety Act (CCPSA) Toy Regulations-Mechanical Hazards</i></p> <p>Sharp Edges Sharp Points Small Components Toys-Reasonable Foreseeable Use</p>	<p>Health Canada Product Safety Reference Manual, Book 5</p> <p>Method M00.2 Method M00.3 Method M00.1 Method M01.1 (Excluding 5.4 and 7.1.5.3)</p>
<p>Standard Operating Procedure for Determining Total Lead (Pb) in Non-Metal Children’s Product’s</p> <p>Standard Test Method for the Identification and Quantification of Chromium, Bromine, Cadmium, Mercury, and Lead in Polymeric Materials using Energy Dispersive X-ray Fluorescence Spectrometry</p> <p>Test Method for the Determination of Lead and Other Elements in Polymeric Materials or Surface Coatings Using XFR Fluorescence Spectrometry</p>	<p>CPSC-CH-E1002-08.1, Section II, B only CPSC-CH-E1002-08.2, Section II, B only CPSC-CH-E1002-08.3, Section II, B only</p> <p>ASTM F2617-08^{e1} (Lead only)</p> <p>SOP 9-43</p>

¹The 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 <https://www.cpsc.gov/cgi-bin/labsearch/>.





Accredited Laboratory

A2LA has accredited

UL VERIFICATION SERVICES, INC.

Bentonville, AR

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 October 2018.

A handwritten signature in blue ink, positioned above a horizontal line.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2731.01
Valid to September 30, 2020
Revised June 6, 2019

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