



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CONSUMER TESTING LABORATORIES, INC.
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CHEMICAL

Valid To: May 31, 2020

Certificate Number: 2682.01

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 Consumer Products, Toys, Jewelry & other Children's Products for Total Lead Content and Total Lead in Surface Coatings, Leachable Lead in Ceramicware, Enamelware & Glassware, Phthalates, Cleanliness of Toy Stuffing Materials, Food Contact Services, Apparel and Footwear:

Test Type/Technology:	Test Method:
Acrylic and Modified Acrylic Plastics, Semi-Rigid and Rigid	21 CFR Part 177.1010(b) & (c)
Acrylonitrile Co-Polymers and Resins	21 CFR Part 181.32(b)
Cleanliness of Toy Stuffing Material	Pennsylvania Regulation for Stuff Toys, Title 34, Chapter 47, Section 47.317, "Tolerances of the Commonwealth of Pennsylvania Regulation for Stuffed Toys" ASTM F963-11 Section 4.3.7 SOP 9-37 SOP 9-17 SOP 9-46 SOP 9-38 SOP 9-36
Cleanliness of Toy Stuffing Material (Objectionable Matter) Official Methods of Analysis of the Association of Analytical Chemists (AOAC), Chapter 16 "Extraneous Materials: Isolation", 15 th Ed., 1990	AOAC Official Method 945.75 AOAC Official Method 970.66

Test Type/Technology:	Test Method:
Closures with Sealing Gaskets for Food Containers	21 CFR Part 177.1210(c)
Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods	21 CFR Part 176.170(d)
Determination of Extractable Cadmium From Metal Items	CPSC-CH-E1004-11 ASTM F963-11 Section 4.3.5.2 ASTM F963-16 Section 4.3.5.2 ASTM F963-17 Section 4.3.5.2
Determination of Gold in Bullion by Fire Assay Cupellation Analysis	ASTM E1335
Determination of Lead and Cadmium Extracted from Ceramicware & Glassware	ASTM C927 ASTM C738 / AOAC 973.32 ASTM F963-11 Section 4.3.3.2 ASTM F963-16 Section 4.3.3.2 ASTM F963-17 Section 4.3.3.2
Determination of Toxic Elements (Cadmium, Chromium, Hexavalent Chromium, Lead, Mercury, Phthalates and Brominated Flame Retardants	EPA 3052 IEC 62321-1 IEC 62321-2 IEC 62321-3.1 IEC 62321-4 IEC 62321-5 IEC 62321-6 IEC 62321-7.1 IEC 62321-7.2 IEC 62321-8 RoHS Directive 2002/95/EC RoHS Directive 2011/65/EU RoHS Directive (EU) 2015/863
Determination of Lead and Other Elements in Polymeric Materials or Surface Coatings Using XRF Fluorescence Spectrometry	ASTM F2617-08 ² (Lead and Cadmium Only) CPSC-CH-E1002-08.1 CPSC-CH-E1002-08.2 CPSC-CH-E1002-08.3 SOP 9-43
Determination of Mercury in Batteries	SOP 9-40 ¹

Test Type/Technology:	Test Method:
Determination of Nickel Release from Products Intended for Prolonged Skin Contact	EN 1811:2011 EN 12472:2005+A1:2009
Determination of Total Bisphenol A (BPA) Content in Polymeric Materials	SOP 9-56
Determination of Soluble Heavy Elements (As, Ba, Cd, Cr, Hg, Pb, Sb, Se) in Surface Coatings and Substrates	ASTM F963-11 Section 4.3.5.1 ² ASTM F963-11 Section 4.3.5.2 ASTM F963-11 Section 8.3 ASTM F963-16 Section 4.3.5.1 ² ASTM F963-16 Section 4.3.5.2 ASTM F963-16 Section 8.3 ASTM F963-17 Section 4.3.5.1 ² ASTM F963-17 Section 4.3.5.2 ASTM F963-17 Section 8.3 EN 71-3 (Excluding Annexes F & G)
Determination of Total Mercury Content in Cosmetics	SOP 9-26
Flash Point by Pensky-Martens Closed Cup Tester	ASTM D93 ISO 2719 16 CFR 1500.43a
Ethylene-Vinyl Acetate Co-Polymers	21 CFR Part 177.1350(b)
Guidance for Hazardous Liquid Chemicals in Children's Products	16 CFR Part 1500.231 SOP 9-67
Melamine-Formaldehyde Resins in Molded Articles	21 CFR Part 177.1460(c)
Mineral Reinforced Nylon Resins	21 CFR Part 177.2355(c)
Nylon Resins	21 CFR Part 177.1500(d)
Olefin Polymers	21 CFR Part 177.1520(d 3-4)
Polycarbonate Resins	21 CFR Part 177.1580(c) ²
Polystyrene and Rubber-Modified Polystyrene	21 CFR Part 177.1640 (c) & (d) SOP 9-57
Polyester Resins, Cross-Linked	21 CFR Part 177.2420(c)
Polyoxymethylene Co-Polymer	21 CFR Part 177.2470(d)
Polyethylene Phthalate Polymers	21 CFR Part 177.1630(f), (g), & (i)



Test Type/Technology:	Test Method:
Polyoxymethylene Homopolymer	21 CFR Part 177.2480(d)
Phthalate Content in Child Care Items and Toys	CPSC-CH-C1001-09.3 CPSC-CH-C1001-09.4 ²
Resinous and Polymeric Coatings	21 CFR Part 175.300(e)
Rubber Articles Intended for Repeated Use	21 CFR Part 177.2600(e) & (f)
Styrene-Methyl Methacrylate Co-Polymers	21 CFR Part 177.1830(b)
Styrene Block Polymers	21 CFR Part 177.1810(b)
Styrene-Maleic Anhydride Copolymers	21 CFR Part 177.1820(b) & (c)
Total Heavy Metal Elements in Surface Coatings and Substrates	SOP 9-46 ASTM F963-11 Section 4.3.5 ASTM F963-16 Section 4.3.5 ASTM F963-16 Section 8.3 ASTM F963-17 Section 4.3.5 ASTM F963-17 Section 8.3
Total Lead and Cadmium Content of Metal Items	CPSC-CH-E1001-08.1 CPSC-CH-E1001-08.2 CPSC-CH-E1001-08.3 Health Canada Product Safety Bureau Method C-02.4
Total Lead Content in Surface Coatings	ASTM F963-11 Section 4.3.5.1 ² ASTM F963-16 Section 4.3.5.1 ² ASTM F963-17 Section 4.3.5.1 ² ASTM F2853-10e CPSC-CH-E1003-09.1
Total Lead Content in Non-Metal Children's Products (Plastics and Glass)	CPSC-CH-E1002-08.1 CPSC-CH-E1002-08.2 CPSC-CH-E1002-08.3
Urea-Formaldehyde Resins in Molded Articles	21 CFR Part 177.1900(c)
US FDA Food Contact Testing	ASTM F963-11 Section 4.3.3 ASTM F963-16 Section 4.3.3 ASTM F963-17 Section 4.3.3
Ash Content	AOAC 942.05
Loss on Drying	AOAC 934.01
Crude Fat Content	AOAC 922.06



Test Type/Technology:	Test Method:
Mineral Content	AOAC 985.35 (Modified) EPA 3052
Crude Protein	AOAC 992.15
% Free Fatty Acids	AOAC 940.28
Peroxide Value	AOAC 965.33
Iodine Value	AOAC 993.20

¹This is an in-house test method based on a modified version of the Battery Industry for the test methods listed above Standard Analytical Method – April 1998. The inclusion of this method on this Scope does not confer laboratory accreditation; the laboratory is only accredited to SOP 9-40.

²The 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

CONSUMER TESTING LABORATORIES, INC.

Rogers, AR

for technical competence in the field of

Chemical 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 April 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2682.01
Valid to May 31, 2020

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