SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CONSUMER TESTING LABORATORIES, INC.
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CHEMICAL

Valid To: May 31, 2014 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, Footwear and Pet Food Products:

Test Type/Technology:	**Test Method:**
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
Determination of Lead and Other Elements in Polymeric Materials or Surface Coatings Using XRF Fluorescence Spectrometry	ASTM F2617-08$^{\varepsilon 1}$ **(**lead and cadmium analyses only) SOP 9-43 CPSC-CH-E1002-08.1 CPSC-CH-E1002-08.2 CPSC-CH-E1002-08.3
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"	SOP 9-37 – Oil and Grease SOP 9-17 – Lead SOP 9-39 – Arsenic SOP 9-46 – Total Heavy Metal Elements in Surface Coatings and Substrates (Lead and Arsenic) SOP 9-38 – Ammonia SOP 9-36 – Urea ASTM F963-08 Section 4.3.7 ASTM F963-11 Section 4.3.7
Cleanliness of Toy Stuffing Material (Objectionable Matter) - Official Methods of Analysis of the Association of Analytical Chemists (AOAC), Chapter 16 "Extraneous Materials: Isolation", 15th Ed., 1990	AOAC Official Method 945.75 AOAC Official Method 970.66
Phthalate Content in Child Care Items and Toys	CPSC-CH-C1001-09.3

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Test Type/Technology:	Test Method:
Total Lead Content in Surface Coatings	CSPC-CH-E1003-09.1 ASTM F963-08 Sections 4.3.5.1 ASTM F963-11 Sections 4.3.5.1(1) ASTM F2853-10 $^{\varepsilon 1}$ – Standard Test Method for the Determination of Lead in Paint Layers and Similar Coatings or in Substances and Homogenous Materials by Energy Dispersive X-Ray Fluorescence Spectrometry Using Multiple Monochromatic Excitation Beams
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
Determination of Soluble Heavy Elements (antimony, arsenic, barium, cadmium, chromium, lead, mercury, selenium) in Surface Coatings and Substrates	ASTM F963-08 Section 4.3.5.2 ASTM F963-11 Section 4.3.5.1(2) ASTM F963-11 Section 4.3.5.2 EN 71: Part 3, Sections 8.1-8.5
Determination of Extractable Cadmium From Metal Items	CPSC-CH-E1004-11 ASTM F963-11 Section 4.3.5.2
Determination of Lead and Cadmium Extracted from Ceramicware & Glassware	ASTM C927 ASTM C738 / AOAC 973.32 ASTM F963-08 Section 4.3.3.2 ASTM F963-11 Section 4.3.3.2
Determination of Toxic Elements in Packaging Materials (lead content, cadmium content, chromium content, mercury content and hexavalent chromium content)	SOP 9-30 - Polymers, textiles, papers and surface coatings SOP 9-32 - Metal SOP 9-33 - Glass SOP 9-31[1] – Hexavalent chromium SOP 9-26 – Mercury
Determination of Mercury in Batteries	SOP 9-40[2]
Determination of Nickel Release from Products Intended for Prolonged Skin Contact	EN 1811:2011 EN 12472:2005+A1:2009 BS EN 16128:2011
Determination of Total Bisphenol A (BPA) Content in Polymeric Materials	SOP 9-56
Determination of Brominated Flame Retardants in Consumer Products (penta-, octa- and deca-brominated diphenyl ethers (BDE) in polymeric materials)	SOP 9-55[3]

Test Type/Technology:	Test Method:
US FDA Food Contact Testing	ASTM F963-11 Section 4.3.3
Resinous and Polymeric Coatings	21 CFR Part 175.300(e)
Components of Paper and Paperboard in Contact with Aqueous and Fatty Foods	21 CFR Part 176.170(d)
Acrylic and Modified Acrylic Plastics, Semi-rigid and Rigid	21 CFR Part 177.1010
Closures with Sealing Gaskets for Food Containers	21 CFR Part 177.1210(c)
Ethylene-Vinyl Acetate Co-polymers	21 CFR Part 177.1350(b)
Melamine-Formaldehyde Resins in Molded Articles	21 CFR Part 177.1460(c)
Nylon Resins	21 CFR Part 177.1500(d)
Olefin Polymers	21 CFR Part 177.1520(d)
Polycarbonate Resins	21 CFR Part 177.1580(c)
Polystyrene and Rubber-Modified Polystyrene	21 CFR Part 177.1640 SOP 9-57
Styrene-Methyl Methacrylate Co-polymers	21 CFR Part 177.1830(b)
Urea-Formaldehyde Resins in Molded Articles	21 CFR Part 177.1900(c)
Rubber Articles Intended for Repeated Use	21 CFR Part 177.2600(e) and (f)
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)
Styrene Block Polymers	21 CFR Part 177.1810(b)
Styrene-maleic Anhydride Copolymers	21 CFR Part 177.1820
Mineral Reinforced Nylon Resins	21 CFR Part 177.2355
Polyoxymethylene Homopolymer	21 CFR Part 177.2480
Acrylonitrile Copolymers and Resins	21 CFR Part 181.32

Test Type/Technology:	Test Method:
Total Heavy Metal Elements in Surface Coatings and Substrates	SOP 9-46 ASTM F963-11 Sections 4.3.5
Determination of Total Mercury Content in Cosmetics	SOP 9-26
16 CFR Part 1500.231 - Guidance for Hazardous Liquid Chemicals in Children's Products	SOP 9-67
Test Method for Determination of Moisture Content in Pet Food	4-3 SOP
Test Method for Determination of Ash Content in Pet Food	4-4 SOP
Test Method for Determination of Mineral Content in Pet Food	4-5 SOP
Test Method for Determination of Crude Fat Content in Pet Food	4-6 SOP
Test Method for Determination of Crude Protein Content in Pet Food by Kjeldahl Method	4-7 SOP

[1]This is an in-house test method based on a modified version of IEC 62321 Annex B – Test for the presence of hexavalent chromium (Cr(VI)) in colourless and coloured corrosion-protected coatings on metals. The inclusion of this IEC method on this Scope does not confer laboratory accreditation; the laboratory is only accredited for the test methods listed above.

[2]This 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.

[3]This is an in-house test method based on a modified version of IEC 62321 Annex A – Determination of PBB and PBDE in polymers by GC-MS. The inclusion of this IEC method on this Scope does not confer laboratory accreditation; the laboratory is only accredited for the test methods listed above.

The American Association for Laboratory Accreditation

World Class Accreditation

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 8 January 2009*).

Presented this 7th day of June 2012.

President & CEO
For the Accreditation Council
Certificate Number 2682.01
Valid to May 31, 2014

AMERICAN ASSOCIATION FOR LABORATORY ACCREDITATION
CORPORATE SEAL 1978
DISTRICT OF COLUMBIA
A2LA

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