



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

CHEMSERVE ENVIRONMENTAL ANALYSIS
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CHEMICAL

Valid To: August 31, 2019

Certificate Number: 2891.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below on consumer and children's products¹:

<u>Test Technology</u>	<u>Test Method(s)</u>
Elements in Paint, Metal Products, and Non-Metal Products by ICP (As, Ba, Cd, Cr, Cu, Hg, Pb, Ni, Sb, Se, Zn)	EPA 245.1, SW846/7471 (Hg) EPA 200.7, SW846/6010C (ICP metals)
Elements in Polymeric Materials by XRF (Br, Cd, Cr, Hg, Pb)	ASTM F2617-08; CPSC-CH-E1002-08.1
Extractable Cadmium in Children's Metal Products by ICP	CPSC-CH-E1004-11 (extract) EPA 200.7/EPA 6010C (analysis)
Extractable Lead and Cadmium from Glazed Ceramic Surfaces	ASTM C738-94 (extract) EPA 200.7/EPA 6010C (analysis)
Lead in Children's Metal Products by ICP (including jewelry)	CPSC-CH-E1001-08.3 (extract) EPA 200.7/EPA 6010C (analysis)
Lead in Paint and Surface Coatings by ICP	CPSC-CH-E1003-09 (extract) EPA 200.7/EPA 6010C (analysis)
Lead in Non-Metal Children's Products by ICP	CPSC-CH-E1002-08.3 (extract) EPA 200.7/EPA 6010C (analysis)
Organochlorine Pesticides (Toxaphene, Chlordane) by GC/ECD	SW846/3546 (extract) EPA608.3, SW846/8081A (analysis)
PCB by GC/ECD	SW846/3546 (extract) EPA 608.3, SW846/8082A (analysis)

<u>Test Technology</u>	<u>Test Method(s)</u>
PBB/PBDE in Non-Metal Products by GC/ECD	ECD-117 In- House Test Method
Phthalates in Children's Products by GC/MS	CPSC-CH-C1001-09.4; SW846/3546 (extract) SW846/8270D (analysis)
Standard Consumer Safety Specification for Toy Safety – Dissolved Metals in Toys by ICP (As, Ba, Cd, Cr, Hg, Sb, Se)	ASTM F963-16 Sect 4.3.5.2, 8.3; (extract) EPA 200.7/EPA 6010C (analysis) EPA 245.1, SW846/7471 (Hg)
Trace Metals in Soil (Ag, Ba, Cd, Cr, Cu, Hg, Ni, Pb, Sb, Zn) by ICP	SW836-3050B (extract) EPA 200.7/EPA 6010C (analysis) SW846/7471 (Hg)

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/>.





Accredited Laboratory

A2LA has accredited

CHEMSERVE ENVIRONMENTAL ANALYSIS

Milford, NH

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 19th day of December 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 2891.01
Valid to August 31, 2019
Revised February 09, 2018

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