



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TUV RHEINLAND OF NORTH AMERICA, INC.
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CHEMICAL

Valid To: June 30, 2019

Certificate Number: 3331.09

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on consumer products:

<u>Test:</u>	<u>Test Method(s) ¹:</u>
Lead (Pb) in Paint and Other Surface Coatings	16 CFR 1303; CPSC-CH-E1003-09.1; ASTM F2853-10
Lead (Pb) in Paint and Coatings or in Substrates and Homogenous Materials using XRF	ASTM F2853-10
Soluble Heavy Metals Analysis of Paint and Other Similar Surface Coatings and Substrate Materials (Sb, As, Ba, Cd, Cr, Pb, Hg, Se)	EN 71 (Part 3); ASTM F963-16 (Sections 4.3.5, 8.3-8.3.5.6)
Total Lead (Pb) in Children's Metal Products	CPSC-CH-E1001-08.3
Total Lead (Pb) in Non-Metal Children's Products	CPSC-CH-E1002-08.3
Determination of Certain Substances in Electrotechnical Products	IEC 62321:2008-12
Part 3: Screening - Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry	IEC 62321-3
Part 4: Mercury in polymers, metals and electronics	IEC 62321-4
Part 5: Cadmium, lead and chromium in polymers and electronics and cadmium and lead in metals	IEC 62321-5
Part 6: Polybrominated biphenyls and polybrominated diphenyl ethers in polymers	IEC 62321-6
Part 7-1: Hexavalent chromium (Cr(VI)) in colorless and colored corrosion-protected coatings on metals	IEC 62321-7
Part 7-2: Hexavalent chromium (Cr(VI)) in polymers and electronics	

Test:

Test Method(s) ¹:

Determination of Chromium (Cr), Bromine (Br), Cadmium (Cd), Mercury (Hg) and Lead (Pb) in Polymeric Material using XRF

ASTM F2617-15

Total Lead (Pb) in Children's Metal Jewelry

CPSC-CH-E1001-08.3

Determination of Phthalate Content in Children's Toys and Child Care Articles

CPSC-CH-C1001-09.3;
CPSC-CH-C1001-09.4

Cadmium Extractability from Children's Metal Jewelry

CPSC-CH-E1004-11

Determination of Lead, Cadmium and Heavy Metals (Sb, As, Ba, Cd, Cr, Pb, Hg, Se) in Children's Jewelry

ASTM F2923-11 (Sections 5, 8, 9)

Determination of Heavy Metal Content in Foods by Microwave Digestion and ICP-MS (As, Cd, Hg, Pb)

AOAC 2013.06

Determination of Heavy Metal Content in Water by ICP-MS (As, Cd, Hg, Pb)

EPA 200.8

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

TUV RHEINLAND OF NORTH AMERICA, INC.

Bentonville, 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 2nd day of June 2017.

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

President and CEO
For the Accreditation Council
Certificate Number 3331.09
Valid to June 30, 2019

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