



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

MATERIALS ANALYTICAL SERVICES, LLC
3945 Lakefield Court
Suwanee, GA 30024
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CHEMICAL

Valid To: December 31, 2025

Certificate Number: 2925.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Toys, Office and School Furniture, and Building Materials (such as wallboard, fabric, carpeting, floor coverings, talc products, etc.):

<u>Test Description:</u>	<u>Test Method¹</u>
Sampling and Analysis of Volatile Organic Compounds and Aldehyde Emissions of Furniture using Sampling Chambers by GC-MS (Benzene, Carbon disulfide, Chlorobenzene, Chloroform, Dichlorobenzene (1,4-), Dimethylformamide (n,n), Dioxane (1,4-), Epichlorohydrin, Ethylbenzene, Ethylene glycol, Ethylene glycol monoethyl ether (2 ethoxyethanol), Ethylene glycol monoethyl ether acetate (2-ethoxyethyl acetate), Ethylene glycol monomethyl ether (2-methoxyethanol), Ethylene glycol monomethyl ether acetate (2-methoxyethyl acetate), Hexane (n-), Isopropanol, Methyl chloroform (1,1,1-trichloroethane), Methylene chloride, Naphthalene, Phenol, Propylene glycol monomethyl ether (1-methoxy-2-propanol), Styrene, Tetrachloroethylene, Toluene, Trichloroethylene, 1-methyl-2-pyrrolidinone, Vinyl acetate, Xylenes (m, o, p)) and HPLC (Formaldehyde and Acetaldehyde)	BIFMA M7.1
Sampling and Analysis of Volatile Organic Compounds and Aldehyde Emissions of Building Materials using Sampling Chambers by GC-MS (Benzene, Carbon disulfide, Carbon tetrachloride, Chlorobenzene, Chloroform, Dichlorobenzene (1,4-), Dichloroethylene (1,1), Dimethylformamide (n,n), Dioxane (1,4-), Epichlorohydrin, Ethylbenzene, Ethylene glycol, Ethylene glycol monoethyl ether (2 ethoxyethanol), Ethylene glycol monoethyl ether acetate (2-ethoxyethyl acetate), Ethylene glycol monomethyl ether (2-methoxyethanol), Ethylene glycol monomethyl ether acetate (2-methoxyethyl acetate), Hexane (n-),	California Dept. of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Emission Testing Method for California Specification 01350

<u>Test Description:</u>	<u>Test Method¹</u>
(cont.) Isophorone, Isopropanol, Methyl chloroform (1,1,1-trichloroethane), Methylene chloride, Methyl t-butyl ether, Naphthalene, Phenol, Propylene glycol monomethyl ether (1-methoxy-2-propanol), Styrene, Tetrachloroethylene, Toluene, Trichloroethylene, Vinyl acetate, Xylenes (m, o, p)), and HPLC (Formaldehyde and Acetaldehyde)	
Total Lead (Pb) in Children’s Metal Products (Including Children’s Metal Jewelry) by ICP-OES	EPA SW-846 Method 6010; CPSC-CH-E1001-08
Total Lead (Pb) in Paint and Similar Surface Coatings and Non-metallic Children’s Products by ICP-OES	EPA SW-846 Method 6010; 16 CFR 1303; CPSC-CH-E1003-09; CPSC-CH-E1002-08
Phthalates (Di-n-butyl phthalate, Benzyl butyl phthalate, Bis(2-ethylhexyl)phthalate, Di-n-octyl phthalate, Diisononyl phthalate, Diisodecyl phthalate, Diisobutyl phthalates, Di-n-pentyl phthalate, Di-n-hexyl phthalate, Dicyclohexyl phthalate) in Toys and Solids by GC-MS	CPSC-CH-C1001-09
Ammonia in air samples by IC	NIOSH 6016
Asbestos in Cosmetic Talc Products by PLM	Blount prep method using heavy liquid separation: ISO 22261, ISO 22262
Asbestos in Cosmetic Talc Products by TEM	ISO 22262-1, ISO 22262-2
Bulk Asbestos Analysis	EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples; EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials
Airborne Asbestos Analysis	U.S. “EPA’s Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions” as found in 40 CFR, Part 763, Subpart E, Appendix A

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

MATERIALS ANALYTICAL SERVICES, LLC

Suwanee, GA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *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 25th day of March 2024.

A blue ink signature of Mr. Trace McInturff, written in a cursive style.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 2925.01
Valid to December 31, 2025

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