



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CERTIFIED LABORATORIES
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CHEMICAL

Valid To: March 31, 2025

Certificate Number: 3034.01

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the laboratory's compliance with the A2LA Food Testing Program Requirements, containing 2018 "AOAC International Guidelines for Laboratories Performing Microbiological and Chemical Analyses of Food, Dietary Supplements, and Pharmaceuticals"), accreditation is granted to this laboratory to perform the following tests on dietary supplements, pharmaceuticals, cosmetics, and toys:

<u>Test Method</u>	<u>Title</u>	<u>Reference(s)</u>
MQLTM-0107	B12 (Cyanocobalamin) Assay by HPLC	USP <32>, USP <37>
MQLTM-0033	Benzocaine by HPLC	-----
MQLTM-0278	Determination of Heavy Metal Contents by ICP-MS (Pb, Hg, As, Cd, Se)	US EPA 200.8, 6020; CPSC-CH-E1001-08 Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry) (12/04/08); CPSC-CH-E1002-08 Standard Operating Procedure for Determining Lead (Pb) in Non-Metal Children's Products (02/01/09); CPSC-CH-E1003-09.1 Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (02/25/11); ASTM-F963-17 Standard Consumer Safety Specification for Toy Safety: 4.3.5.1(2) (ASTM F963-17), Surface Coating Materials - Soluble Test for Metals; 4.3.5.2 (ASTM F963-17), Toy Substrate Materials
MQLTM-0620	Determination of Titanium Dioxide and Zinc Oxide by ICP/OES	USP <30>, USP <27>

<u>Test Method</u>	<u>Title</u>	<u>Reference(s)</u>
MQLTM-0024	Organoleptic Appearance, Color, Taste & Consistency/Texture Evaluation	USP <31>, ASTM E1871-10
MQLTM-0014	Organoleptic Freeze/Thaw Testing	-----
MQLTM-0012	Organoleptic Olfactory Character Determination	ASTM E284
MQLTM-1068	Organoleptic Package Compatibility	-----
MQLTM-1067	Organoleptic Period After Opening Determination	-----
MQLTM-0343	Pesticides Screening using GC/MS Technique 3-Hydroxycarbofuran Acephate Alachlor Aldrin and dieldrin (sum of) Azinphos-ethyl Azinphos-methyl Bromide, inorganic (calculated as bromide ion) Bromophos-ethyl Bromophos-methyl Bromopropylate Chlorfenvinphos Chlorpyriphos-ethyl Chlorpyriphos-methyl Chlorthal-dimethyl Crufomate Cyfluthrin (sum of) λ-Cyhalothrin Cypermethrin and isomers (sum of) DDT (sum of o,p'-DDE, p,p'-DDE, o,p'-DDT, p,p'-DDT, o,p'-TDE, and p,p'-TDE) Deltamethrin Diazinon Dichlofluanid Dichlorvos Dicofol Dimethoate and omethoate (sum of) Dioxathion Diphenyl Dithiocarbamates (expressed as CS ₂) Endosulfan (sum of isomers and endosulfan sulphate) Endrin Ethion Ethoxyquin Folpet Etrimphos Fenchlorophos (sum of fenchlorophos and fenchlorophos-oxon) Fenitrothion Fenpropathrin Fensulfothion (sum of fensulfothion, fensulfothion-oxon, fensulfothion-oxon sulfone, and fensulfothion sulfone)	USP <561> Test for Pesticides

<u>Test Method</u>	<u>Title</u>	<u>Reference(s)</u>
	Heptachlor (sum of heptachlor, cis-heptachlorepoide, and trans-heptachlorepoide) Hexachlorbenzene Hexachlorocyclohexane (sum of isomers α -, β -, δ -, and ϵ -) Lindan (γ -hexachlorocyclohexane) Malathion and malaoxon (sum of) Mecarbam Methacriphos Methamidophos Methidathion Methiocarb Methoxychlor Mirex Monocrotophos Orthopheyl phenol Parathion-ethyl and paraoxon-ethyl (sum of) Parathion-methyl and paraoxon-methyl (sum of) Pendimethalin Pentachloranisole Permethrin and isomers (sum of) Phosalone Phosmet Piperonyl butoxide Pirimiphos-ethyl Pirimiphos-methyl (sum of pirimiphos-methyl and N- desethyl-pirimiphos-methyl) Procymidone Profenophos Prothiophos Propoxur Pyrethrum (sum of cinerin I, cinerin II, jasmolin I, jasmolin II, pyrethrin I, and pyrethrin II) Quinalphos Quintozene (sum of quintozene, pentachloraniline, and methyl pentachlorophenyl sulfide) S-421 Tecnazene Tetradifon Vinclozolin	
MQLTM-0039	pH Determination	pH Meter User Manual
MQLTM-0581	Sodium Fluoride by Potentiometry	USP <27>
MQLTM-0025	Specific Gravity Determination	USP <35>
MQLTM-0055	Viscosity Determination	Brookfield Engineering Labs, Inc., Operating Instructions for Brookfield Dial Reading Viscometer and Brookfield Digital Viscometer

<u>Test Method</u>	<u>Title</u>	<u>Reference(s)</u>
MQLTM-0101A	Vitamin A (Beta Carotene) Assay by HPLC/UPLC	USP <32>
MQLTM-0149	Vitamin C Assay by Titration	USP <32>
MQLTM-0508	Vitamin D by HPLC	USP <33>, USP <37>
MQLTM-0100	Vitamin E (Acetate) Assay by HPLC	USP <32>
MQLTM-0154	Vitamin E (Succinate) Assay by HPLC	USP <32>
MQLTM-0468	Weight Loss	-----

¹The 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

CERTIFIED LABORATORIES

Burbank, CA

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 laboratory also meets the requirements of A2LA R204 – *Specific Requirements – Food and Pharmaceutical Testing Laboratory Accreditation Program*. 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 24th day of October 2023.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3034.01
Valid to March 31, 2025
Revised February 27, 2025

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