



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CAMBRIDGE MATERIALS TESTING LIMITED

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CHEMICAL

Valid To: April 30, 2025

Certificate Number: 3977.10

In recognition of the successful completion of the A2LA evaluation process accreditation is granted to this laboratory to perform the following tests on liquids, particulates, bulk building materials, furniture and consumer articles, coatings, household products, paint, children's products, toys, ceramics, clay and clay products, and petroleum products:

Test	Test Method <sup>1</sup>
Anions in Water by Chemically Suppressed Ion Chromatography, including extraction methods QTP 25M, QOP 70M	ASTM D4327
pH of Aqueous Solutions with the Glass Electrode	ASTM E70
Chromium, Hexavalent (Colorimetric)	EPA Method 7196A
Method for Sampling Airborne Particulates Generated by Welding and Allied Processes	AWS F1.1M
Particulates Not Otherwise Regulated, Total	NIOSH 0500 Modified
Particulates Not Otherwise Regulated, Respirable	NIOSH 0600 Modified
Hydrocarbons, Aromatic	NIOSH 1501
Elements by ICP (Hot Block/HCl/NHO <sub>3</sub> Digestion)	NIOSH 7303
Silica, Crystalline by IR (KBr pellet)	NIOSH 7602
Determination of Asbestos in Bulk Building Materials	EPA/600/R-93/116
Determination of Total Lead in Surface Coating Materials in Consumer Products	Health Canada Method C-02.2
Determination of Total Lead in Polyvinyl Chloride Products by Closed Vessel Microwave Digestion	Health Canada Method C-02.3
Determination of Total Lead and Cadmium in Metallic Consumer Products	Health Canada Method C-02.4
Determination of Leachable Arsenic (As), Selenium (Se), Cadmium (Cd), Antimony (Sb), and Barium (Ba) in Applied Coatings	Health Canada Method C03
Ban Of Lead-Containing Paint and Certain Consumer Products Bearing Lead-Containing Paint	16 CFR Part 1303
Elements in Water by Inductively Coupled Argon Plasma Atomic Emission Spectroscopy, including extraction methods EPA Method 3050B, EPA Method 3051A, EPA Method 3052, QTP 25M	ASTM D1976

Test	Test Method <sup>1</sup>
Determination of the Weight Percent Individual Volatile Organic Compounds in Waterborne Air-Dry Coatings by Gas Chromatography	ASTM D6886
Determination of Phthalates	CPSC-CH-C1001-09.4
Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)	CPSC-CH-E1001-08.3
Determining Total Lead (Pb) in Non-Metal Children's Products	CPSC-CH-E1002-08.3
Determining Lead (Pb) in Paint and Other Similar Surface Coatings	CPSC-CH-E1003-09.1
Safety of Toys - Part 3: Migration of Certain Elements	BS EN 71-3
Determination of Major and Minor Elements in Coal, Coke, and Solid Residues from Combustion of Coal and Coke by Inductively Coupled Plasma - Atomic Emission Spectrometry	ASTM D6349
Flash and Fire Points by Cleveland Open Cup Tester	ASTM D92
Flash-Point by Pensky Martens Closed Cup Tester	ASTM D93
Autoignition Temperature of Chemicals	ASTM E659
Water in Organic Liquids by Coulometric Karl Fischer Titration	ASTM E1064

<sup>1</sup>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

### CAMBRIDGE MATERIALS TESTING LIMITED

*Mississauga, Ontario, Canada*

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 19<sup>th</sup> day of September 2023.

A blue ink signature of Mr. Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 3977.10  
Valid to April 30, 2025

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