



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY NEW BERLIN INC.
3200 South 166th Street
New Berlin, WI 53151
Steven Broege Phone: (262) 782 6344
steven.broege@element.com

CHEMICAL

Valid To: August 31, 2024

Certificate Number: 0098.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform chemical analysis of metal and metal alloys and organic material characterization of adhesives, coatings, composites, elastomers, lubricants and plastics¹ using the following tests:

--	--	--	--



Lead (Pb) Content in Children's Metal Products (Including Children's Metal Jewelry) (using ICP-OES)	Pb		CPSC-CH-E1001-08.2
Lead (Pb) Content in Children's Non-Metal Products	Pb		CPSC-CH-E1002-08.2
Lead (Pb) in Paint and Other Similar Surface Coatings (using ICP-OES)	Pb		CPSC-CH-E1003-09, CPSC-CH-E1003-09.1
Energy Dispersive Spectroscopy (EDS) (Elemental Mapping, Coating Identification)		MA-15	ASTM E1508
Combustion (LECO)	C, S	CA-06	ASTM E1019
Gas Chromatography/Mass Spectrometry (GC/MS) Determination of Phthalates			CPSC-CH-C1001-09.4
Differential Scanning Calorimetry (DSC)		PA-06	ASTM D3418; E793, E794, E1356, E2602
Oxidative Stability		PA-14	ASTM D3895, E1858 (Method A only)
Thermogravimetric Analysis (TGA)		PA-04	ASTM E1131
Thermomechanical Analysis (TMA)		PA-22	ASTM E831, E1545
Weight of Coatings		CM-01	ASTM A90/A90M, A428; B137, B767; ISO 3892
Solvent Rub		PC-14	ASTM D4752, D5402; GM9509P
Density & Interconnected Porosity of Powdered Metal Alloys		CM-02	ASTM B311, B328 (Withdrawn 2009) ³ , B962, B963; MPIF Std. 42, MPIF Std. 57; SAE J471D
Density of Polymers		PA-02	ASTM D792
Filler Reinforcement of Cured Resins		PA-03	ASTM D2584



Accredited Laboratory

ELEMENT MATERIALS TECHNOLOGY NEW BERLIN INC.

New Berlin, WI

General requirements for the competence of testing and calibration laboratories

refer to joint ISO-ILAC-IAF Communiqué dated April 2017



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