



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ELEMENT MATERIALS TECHNOLOGY NEWBERLIN INC.
300 South 166th Street
New Berlin, WI 53151
Mark A. Haty Phone (262) 901-0522
Markhaty@element.com

CHEMICAL

Valid To August 31, 2018

Certificate Number: 008801

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:

Inductively Coupled Plasma (ICP)	All Elements Except: Ac, Am, Ar, At, Bk, Br; C, Cf, Cl, Cm, Es, F, Fr, H, He, I, Kr, Lr; Md, N, Ne, No, Np, O, Pa, Pm, Pb, Ra, Rn, Tc, Xe	CS-08	

Optical Emission

Lead(Pb) Content in Children's Metal Products (Including Children's Metal Jewelry) (using ICP OES)	Pb	CC-03	CPSC CHE1001-082
Lead(Pb) Content in Children's Non Metal Products	Pb	CS-03	CPSC CHE1002-082
Lead(Pb) in Paint and Other Similar Surface Coatings (using ICP OES)	Pb	CS-03	CPSC CHE1003-09 CPSC CHE1003-091
Energy Dispersive Spectroscopy (EDS) (Elemental Mapping Coating Identification)		MA-15	ASIME1508
Combustion (LECO)	C, S	CA-06	ASIME1019
Gas Chromatography/Mass Spectrometry (GC/MS) Determination of Phthalates		PA-31	CPSC CHC1001-094
Differential Scanning Calorimetry (DSC)		PA-06	ASIM D3118, E793, E794, E1356, E2602
Oxidative Stability		PA-14	ASIM D3895, E1858 (Method A only)
Thermogravimetric Analysis (TGA)		PA-04	ASIME1131
Thermo-mechanical Analysis (TMA)		PA-22	ASIME831, E1545
Weight of Coatings		CM01	ASTM A90/A90M, A428, B137, B767, ISO 3802
Solvent Rub		FC-14	ASTIM D4752, D5402, GM 602P
Density & Interconnected Porosity of Powdered Metal Alloys		CM02	ASTIM B311, B328 (Withdrawn 2009), B962, B963, MPF Std 42, MPF Std 57, SAE J471D
Density of Polymers		PA-02	ASTIM D792
Filler Reinforcement of Cured Resins		PA-08	ASTIM D2584

--	--	--	--



mical Tes

technical.com

re