



World Class Accreditation

The American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

APPLIED TECHNICAL SERVICES, INC.

Marietta, GA

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *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 8 January 2009*).

Presented this 26th day of May 2010.





Peter Abney

President & CEO
For the Accreditation Council
Certificate Number 1888.02
Valid to January 31, 2012

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



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

APPLIED TECHNICAL SERVICES, INC.
1049 Triad Court
Marietta, GA 30062
Cathy Mansfield Phone 770 423 1400
cmansfield@atslab.com

CHEMICAL

Valid To: January 31, 2012

Certificate Number: 1888.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following chemical analyses on metals, non-metals, polymers, liquids, toys, children's products, and juvenile furniture:

<u>Test</u>	<u>Specification</u>
Optical Emissions Spectroscopy (Cu, Fe, Zn, Sn, Al, Pb, Alloys)	ASTM E415, E1086, E1251, E1507
Soluble Metals	ASTM F963 Section 8.3
Lead by Inductively Coupled Plasma (ICP)	ASTM E1613
Inductively Coupled Plasma (ICP)	ASTM E1479
Determining Lead Content in Substrates or Children's Toys	16 CFR 1303 (using ASTM E1479 or E1613); ASTM F963 (Section 8.3 or ASTM E1645)
Determining Total Lead in Children's Metal Products, including Children's Metal Jewelry	CPSC-CH-E1001-08
Determining Total Lead in Non-Metal Children's Products	CPSC-CH-E1002-08
Determining Total Lead in Paint and Other Similar Surface Coatings	CPSC-CH-E1003-09
Combustion (S, C, N, O)	ASTM E1019
Atomic Absorption (AA)	ASTM E663
Wet Chemistry	ASTM E53, D808, D512
DSC	ASTM D3417, E1356, E793
DMA	ASTM E5023, D5026, D5418
TGA	ASTM E1131
TMA	ASTM E1545, E831
FTIR	ASTM E1252
Micro FTIR	ASTM E168
Specific Gravity	ASTM D792
Brookfield Viscometer	ASTM D2196
Ion Chromatography (IC)	ASTM D4327
Electrical Conductivity of Solutions	ASTM D1125
Flashpoint Testing	ASTM D3278
Capillary Viscometers	ASTM D445, D446
pH	ASTM E70

Test

Specification

X-Ray Diffraction	ATS-962
X-Ray Fluorescence (XRF)	ASTM E146 (Section 7)
SEM/EDS	ASTM E1508
Fire Debris Analysis	
Solvent Extraction	ASTM E1386
Passive Headspace Concentration	ASTM E1412
GC/MS – Ignitable Liquid Residues	ASTM E1618, E1387
Analysis of Fragrances by GC/MS	ATS Proc. 802