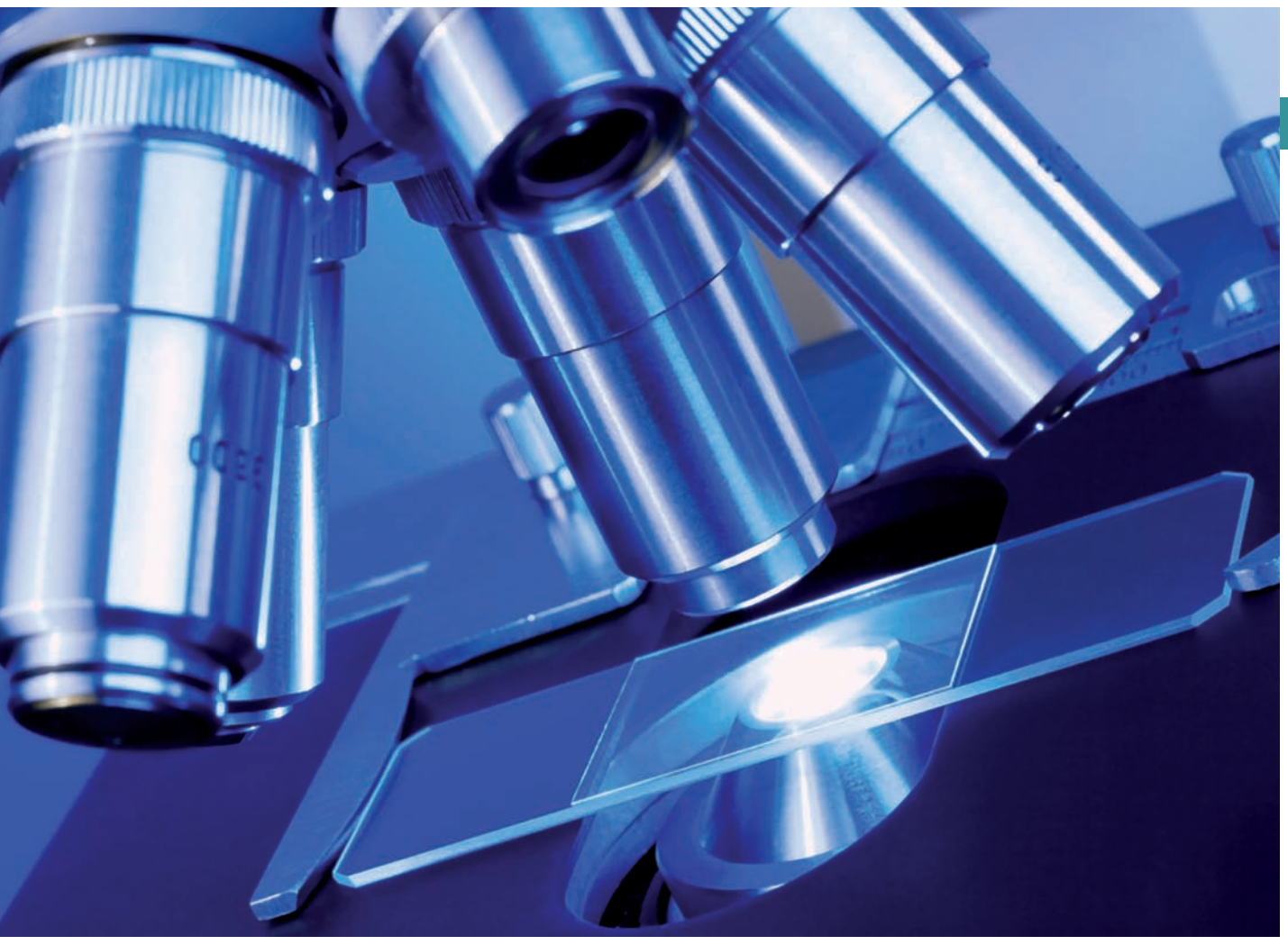




laboratory services

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International Asbestos Testing Laboratories (iATL) is a globally recognized environmental testing laboratory. We are located in Mount Laurel, New Jersey and have clients and projects worldwide. iATL is known for analytical quality, customer service, and for a wealth of expertise. With over twenty-five years of analytical service experience and millions of samples analyzed, iATL may be THE most independent environmental testing laboratory specializing in three analytes: asbestos, lead and mold. Our capabilities, capacity, and competence continue to be responsible for our standing as a leader in the laboratory sector. iATL holds dozens of accreditations from nationally recognized organizations to local government agencies including: NIST-NVLAP, AIHA-LAP, PJLA, NYSDOH-ELAP, NJDEP, Ohio VAP and others. At iATL we celebrate excellence... one sample at a time.

Services Overview

Asbestos Testing • Consulting Services • Consumer Product Testing • Environmental Lead Analysis • Industrial Hygiene • Mold Laboratory • Nanotechnology

Asbestos Testing

iATL routinely analyzes hundreds of thousands of asbestos samples per year. The asbestos laboratory is divided into the following categories:

- Airborne
- Bulk building materials
- Settled dust and other non-building materials
- Soil, sediment, vermiculite and other mineral characterization
- Water and other aqueous samples

Consulting Services

iATL is often called upon to assist clients with projects outside the purely analytical domain. iATL can provide laboratory professionals to consult on topics such as:

- AIHA's Asbestos Analyst Registry (AAR) certification
- Establishing and maintaining Inter-Laboratory quality control programs for PCM, PLM, AAS, and TEM
- Expert witness testimony for asbestos and environmental lead projects
- Implementing QA/QC programs for asbestos, environmental lead, and industrial hygiene laboratories
- Providing NIOSH 582 Equivalency Courses
- Reviewing analytical data for accuracy/compliance
- Technical guidance with issues involving asbestos and environmental lead

Consumer Product Testing

iATL has a separate division dedicated solely to the safety of consumer products, Consumer Product Laboratories (CPLabs). This division was created in response to the Consumer Product Safety Commission instituting several laws governing product compliance that must be met to ensure customer safety. CPLabs is a fully accredited third party testing laboratory under CPSC 1135.

- Cadmium testing
- Lead in children's toys
- Lead in consumer goods
- Lead in paint products
- Metals in children's jewelry



Environmental Lead Analysis

The consequences of exposure to lead have been well documented. These include occupational exposures as well as other means of toxic transport in housing environments, playgrounds, drinking water, and throughout remediation activities. iATL's environmental lead laboratory is designed for the analysis of lead in all matrices:

- Lead in consumer products
- Lead in drinking water
- Lead in paint
- Lead in soil
- Lead in the air
- Lead on surfaces

Industrial Hygiene

Industrial Hygiene (IH) is primarily concerned with the control of occupational health hazards. iATL can provide fully certified analyses for asbestos, environmental lead, and other traditional analytes of concern to the industrial hygiene professional.

- Accredited through the American Industrial Hygiene Association (AIHA)
- Airborne asbestos fibers
- Environmental lead
- Man-made mineral fibers (MMMF)
- Materials characterization (MC)
- Metals in air
- Non-asbestos respirable fibers (NARF)
- Particulate materials (PM-10, PM-2.5)
- Refractory ceramic fibers (RCF)
- Time weighted averages (TWAs)
- Total nuisance dust (NIOSH 0500)
- Total respirable dust (NIOSH 0600)
- Total suspended particulate (TSP)

Mold Laboratory

Mold can be found everywhere, but only certain species have negative health effects if there is an exposure. iATL uses several techniques to identify and characterize the mold spores growing on surfaces. Identifying and characterizing mold spores can help in prevention and remediation activities.

- 1,000x magnification and oil immersion optics to qualify mold spores
- Airborne fungal spore identification
- McCrone Research Institute trained technicians
- Mold species classification
- Non-Viable (Non-Culturable) spore analysis
- Proficient through AIHA-PT EMPAT
- Viable (Culturable) spore analysis

Nano Technology

Evidence continues to mount that nanoparticles pose potential environmental health and safety concerns worldwide. Chemical and physical properties of nanoparticles and their potentially negative interaction with human biology led to the creation of nanoTEM, a division of iATL, dedicated to investigating particle characteristics.

- Elemental particle composition
- Establish baseline measurements of particle properties
- Measure the type and concentrations of particles
- Particle distribution
- Particle mass measurements
- Resolving particle morphology





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nanoTEM

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