



Analytical Capabilities

SPECTROSCOPY

- Energy Dispersive X-Ray (EDX)
- Mid-Infrared (FTIR) Spectroscopy
- Near-Infrared (NIR) Spectroscopy
- UV/visible Spectroscopy (XFR)
- X-ray Diffraction (XRD)

MICROSCOPY

- Scanning Electron Microscope (SEM)
- Optical Microscopy (OPMIC)
- Particle Size Analysis (PSIZE)
- IR Microscopy (FTIRM)

TRACE ANALYSIS

- ICP Atomic Emission (ICP-OES)
- ICP Mass Spectrometry (ICP-MS)
- Graphite Furnace (GF-AAS)
- Electrochemistry

SEPARATIONS

- Gas Chromatography (GC/GCMS)
- Gel Permeation Chromatography (GPC/SEC)
- Ion Chromatography (IC)
- Liquid Chromatography (HPLC)
- Thin Layer Chromatography (TLC)

THERMAL ANALYSIS

- TGA
- DSC
- Headspace GCMS

WET CHEMISTRY

- Composition analysis
- Wastewater Analysis
- Food Analysis
- Corrosion Testing
- Deformulation

COMPENDIAL METHODS

- USP, FCC, ASTM, AOAC, EPA, DOT, UN, OECD



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For more information and case studies, please visit our website
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Alliance Technologies, LLC, is a full service, **DEA Licensed**, and **FDA Registered** and audited contract laboratory offering a **wide range of chemical analysis and material testing services** to a diverse, international client base. Our expertise and years of experience enable us to select the correct analytical approaches and generate the accurate data needed to solve your toughest problem.