Knowing how to test and analyze samples is critical for good amine unit performance and to enable proper corrective actions. Amine Optimization Company has the knowledge, experience and laboratory testing capabilities to match every individual amine unit process.

**Laboratory Services**

- Complete amine unit solvent chemical analysis
- Filter and coalescer element spent media evaluations
- Solid and liquid contaminant chemical analysis
- Unknown materials characterization and analysis
- Total suspended solids
- Total dissolved Solids and pH
- Spent H₂S scavenger testing
- X-Ray Diffraction
- EDS, X-Ray Energy Dispersive Spectroscopy
- IC/ICP (ion analysis)
- Gas Chromatography
- FT-IR Spectroscopy
- UV-Vis Spectroscopy
- Water analysis
- Hydrocarbon characterization
- Simulated distillation analysis
- Microscopy analysis
- Solubility tests
- Filterability tests
- Media efficiency tests
- Foaming tests
- Antifoam screening tests
- Chemical additive compatibility tests
- Surfactant analysis and characterization
- Solvent extraction tests
- Emulsification tests
- Fouling testing
- Corrosion testing
- Surface tension and rheology
- Activated carbon screening

For additional information on laboratory services, please contact Help@AmineOptimization.com