Amine Optimization

Specializing in Amine Unit Performance

Amine Solvent Analysis

Analyzing amine solvent samples is a critical activity for ensuring amine unit performance by enabling process monitoring and proper corrective actions. Amine Optimization Company offers complete amine solvent analyses services to determine a number of key parameters.

BASIC ANALYSIS

- Alkalinity % as Amine
- pH
- Water
- Conductivity

SOLVENT LOADINGS

- CO_2 content wt %
- H_2S content wt %
- Total Acid Gas Loading wt %
- CO_2 content mol/mol
- H_2S content mol/mol
- Total Loading mol/mol

AMINE DECOMPOSITION

- MDEA
- MMEA
- DEA
- Bicine
- THEED
- Activators
- Urea (DGA® and ADAG®)

HEAT STABLE ANIONS

- Acetates
- Glycolates
- Formates
- Chlorides
- Sulfates
- Oxalates
- Thiosulfates
- Thiocyanates

OTHER PARAMETERS

- Total Suspended Solids
- Hydrocarbons
- Foaming Tendency
- Visual Appearance

METALS

- Iron
- Calcium
- Magnesium
- Nickel
- Chromium
- Zinc
- Tin
- Barium
- Potassium
- Sodium

Solvent analysis for Glycol Units (TEG & MEG) also available

For additional information on amine solvent analysis, please contact us at Help@AmineOptimization.com

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