

IR - Sadtler Sulfur Compounds - Wiley

Spectra - 1,095

Description

This database contains 1,095 infrared spectra of sulfur compounds that can be used for identification, classification, and verification of these materials.

The organic compounds of sulfur constitute a diverse and important subdivision of organic substances. Some examples include the sulfur-containing amino acids (e.g., cysteine, methionine, and taurine), which are key components of hormones, enzymes, and coenzymes. Significant, too, are the synthetic organic sulfur compounds, among them numerous pharmaceuticals (sulfa drugs, dermatological agents), insecticides, solvents, and agents such as those used in preparing rubber and rayon.

Additional Information

Each compound is identified by its chemical name and the method of analysis, as well as structural formula, molecular formula, and molecular weight. Synonyms, melting point, boiling point, literature references, and comments are also included if available.

This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.