

IR - Sadtler Flavors, Fragrances & Oils - Wiley

Spectra - 870

Description

This spectral database provides scientists with a representative collection of 870 infrared spectra of organic compounds used in the manufacture of flavors and fragrances, natural product oils, synthesized fragrance compounds, terpenes, and some fixatives. The database includes compounds approved by the Flavor and Extracts Manufacturers' Association of the United States.

Additional Information

Each compound is labeled with the name, as well as synonyms, source of the chemical, and method of analysis. The CAS Registry number, FEMA number, molecular formula, molecular weight, structure, and properties, such as melting point, boiling point, flash point, density, index of refraction, etc. are displayed if available. To further enhance the data, the physical description and use is presented whenever possible.

Classifications

Acids - 46
Alcohols - 103
Aldehydes - 53
Esters - 309

Ethers - 27
Flavor/Fragrance - 182
Hydrocarbons - 16

Ketones - 76
Nitrogen Compounds - 64
Sulfur Compounds - 37

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.