

IR - Sadtler Solvents - Wiley

Spectra - 915

Description

Since common solvents are among the highest volume of chemicals used annually, Bio-Rad has compiled a reference database of 915 infrared spectra of these chemicals to aid in their identification and analysis.

Solvents included in this database are classified into four main groups: hydrocarbons, compounds having only one type of characteristic atom or functional group, compounds having more than one type of characteristic atom or functional group, and deuterated compounds.

Additional Information

Each compound is listed by its Chemical Abstracts name or its most readily recognizable name or trade name. The database also provides supporting chemical and physical information that is commonly sought and used for these chemicals.

Classifications

Hydrocarbons - 344	Other Aromatic Alcohols - 14	Carboxylic Acid Esters - 70
Aliphatic Hydrocarbons - 94	Ethers - 29	Dicarboxylic Acid Esters - 7
Unsaturated Hydrocarbons - 26	Glycol Ethers - 91	Halogenated Acids & Their Esters - 6
Aromatic Hydrocarbons - 119	Aldehydes - 8	Nitrogen Compounds - 95
Halogenated Hydrocarbons - 105	Ketones - 30	Sulfur Compounds - 12
Carbonyl Compounds - 416	Oxides - 3	Phosphorous Compounds - 4
Alcohols - 141	Carboxylic Acids - 15	Deuterated Compounds - 15
Phenols, Cresols, & Other Aromatic Alcohols - 14	Acid Anhydrides - 2	Miscellaneous Solvents - 74

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.