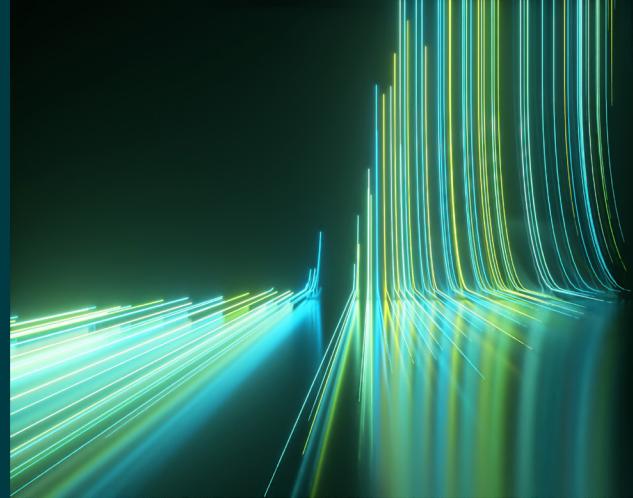


Spectral Databases

From the leader in spectral data



IR - Sadtler Standards (Organic & Polymeric Compounds Subset) - Wiley

Spectra – 9,995



Description

This database is a comprehensive collection of 9,995 pure organics easily found in industrial and academic laboratories. The spectra are representative of a broad range of chemical classifications from commercially available sources. This compilation is a subset of Sadtler's larger IR - Standards (Comprehensive) - Sadtler collection, which contains over 75,000 pure organic compounds.



Applications

- Quality control
- Manufacturing
- Materials science
- Research and development
- Stability and deterioration studies



Additional information

When it comes to spectral analysis, the more data you have the better. Wiley spectral databases provide much more information than simply the spectrum. Database records include the following valuable details when available:

- Chemical structure
- Chemical name
- Formula
- Source of sample
- Technique
- Melting point

- Boiling point
- Molecular weight
- InChI/InChIKey
- Optical Properties
- Catalog number
- CAS registry number



Compound coverage

Compound Class	No. of Spectra*
Hydrocarbons	1,500
Alcohols and phenols	1,200
Aldehydes and ketones	2,900
Acid anhydrides, lactones, and esters	1,090
Dyes, alkynes, and azo compounds	270
Phosphorus and sulfur compounds	1,080
Organometallics, inorganics, silanes, boranes, and deuterides	90
Polymer additives and plasticizers	15
Nitriles	340
Halogenated compounds	1,900
PFAS (per- and polyfluoroalkyl substances)	20
Ethers	180

***Note:** In the classifications table, a single spectrum record may be counted under multiple categories if the corresponding compound belongs to more than one chemical class. As a result, the total number of classifications may exceed the number of spectra.



Trusted data from a trusted source

Wiley is the authoritative source for spectral data. Our renowned databases are processed according to rigorous protocols to ensure they are of the highest quality. Qualification procedures start at data acquisition and continue throughout the database development process. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.