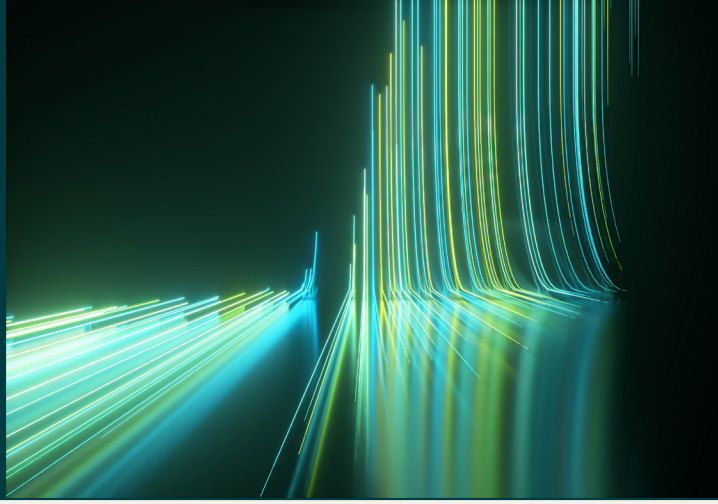
WILEY

Spectral Databases

From the leader in spectral data



IR - Contaminants - Wiley

Spectra – 1,915

This database is only available as part of the KnowItAll IR Spectral Library subscription.

Description

Contaminants are substances that are out of place - they may be harmless in their intended application but problematic when found elsewhere. For example, a pharmaceutical ingredient is desirable in medicine but becomes an environmental contaminant when detected in drinking water.

This specialized contaminants database contains over 1,900 infrared (IR) spectra, including organic and inorganic compounds. The collection is curated to enable precise identification and characterization of chemical contaminants across multiple industries. Each entry includes high-quality spectral data and essential chemical information to support advanced analytical workflows.

Applications

- Pharmaceutical quality control
- Environmental monitoring
- Food safety testing
- Industrial process validation
- Academic and research analysis

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
- InChI/InChIKey
- Molecular weight
- Technique

Compound coverage

- Organic contaminants
- Inorganic contaminants
- Industrial chemicals
- Food-related contaminants and additives
- Emerging contaminants from pharmaceuticals and personal care products
- Polymers
- Additives, sealants, and coatings

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.