

KnowItAll Raman Spectral Library

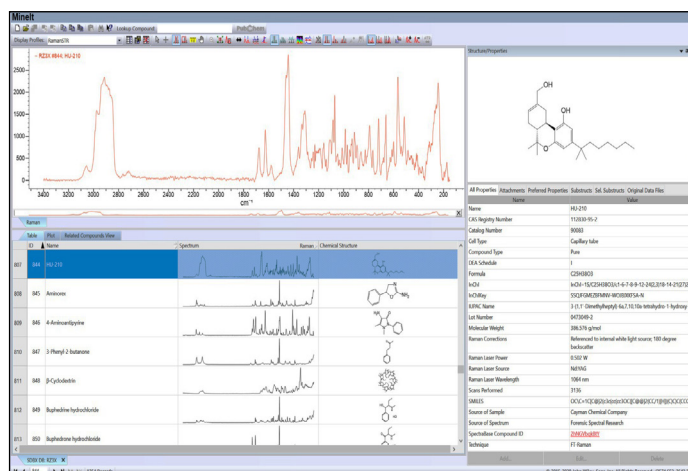
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Wiley Science Solutions

World's Largest Raman Spectral Library

Wiley's KnowItAll Raman Spectral Library offers access to over 25,000 Raman spectra—the world's largest collection of reference-quality Raman spectra.

This resource can be used with Wiley's KnowItAll software or search software from a number of Raman instrument vendors to identify unknown spectra.



Features & Benefits

- Access high-quality spectra covering a wide range of compounds including monomers, polymers, organic, and inorganic compounds
- Along with spectra, records contain physical properties and structures when available
- Increase the chances of identification/classification with access to a comprehensive library of Raman spectra
- Cost-effective way to access an extensive collection of spectral data
- Access the most recent data as it is added to the library

This library includes the KnowItAll ID Expert search software.

Applications

These databases are excellent tools for the interpretation, classification, identification, and verification of unknown compounds in a wide range of disciplines, for example, polymer, environmental, forensic, pharmaceutical, and food research and analyses.

Highest-Quality Spectra

Sadtler databases were processed according to rigorous protocols to ensure they are of the highest quality. These qualification procedures start at data acquisition and continue throughout the database development process. Additional databases were acquired from trusted partners and vetted before inclusion in the collection.

Additional Information Included in Databases

The KnowItAll Raman Spectral Library provides much more information than simply the spectrum. Database records include the following details when available:

- Name
 - Source of Sample
 - Classification
 - Instrument
 - Molecular Formula & Weight
 - Chemical Structure
 - Chemical & Physical Properties
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Includes the Following Spectral Databases

- Raman - Sadtler Controlled & Prescription Drugs 1 - Wiley
- Raman - Sadtler Controlled & Prescription Drugs 2 - Wiley
- Raman - Sadtler Controlled & Prescription Drugs 3 - Wiley
- Raman - Sadtler Flavors & Fragrances - Wiley
- Raman - Sadtler Inorganics - Wiley
- Raman - JASCO Raman Library
- Raman - Sadtler Nutraceuticals - Wiley
- Raman - Sadtler Organometallics - Wiley
- Raman - Sadtler Polymers & Monomers (Basic) 1 - Wiley
- Raman - Sadtler Polymers & Monomers (Basic) 2 - Wiley
- Raman - Sadtler Polymers & Processing Chemicals - Wiley
- Raman - Sadtler Standards 1 - Wiley
- Raman - Sadtler Standards 2 - Wiley
- Raman - Sadtler Standards 3 - Wiley
- Raman - Sadtler Standards 4 - Wiley
- Raman - Sadtler Standards 5 - Wiley
- Raman - Sadtler Standards 6 - Wiley
- Raman - Sadtler Standards 7- Wiley
- Raman - Biomaterials - HORIBA
- Raman - Forensic - HORIBA
- Raman - Minerals - HORIBA
- Raman - Minerals (FT) - HORIBA
- Raman - Semiconductor Materials - HORIBA
- Raman - Sigma-Aldrich Library of Raman Spectra - Wiley

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