



KnowItAll® Raman Spectral Library

World's Largest Raman Spectral Library

Bio-Rad's KnowItAll Raman Spectral Library offers access to over 22,400 Raman spectra—the world's largest collection of reference-quality Raman spectra.

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

This library includes the KnowItAll ID Expert™ search software at no additional charge.

Features & Benefits

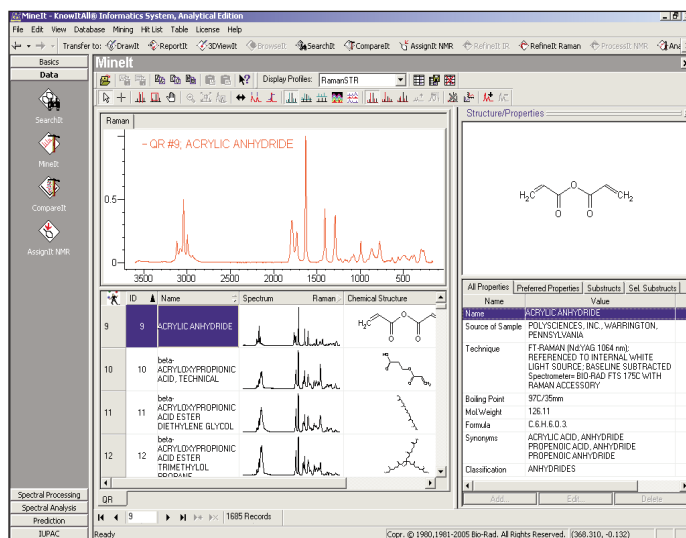
- Access high-quality spectra covering a wide range of compounds including monomers, polymers, organic, and inorganic compounds
- Along with spectra, records contain physical properties and structures when available
- Increase the chances of identification/classification with access to a comprehensive 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

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

All spectra processed according to our Sadtler™ Data Review Protocol to ensure they are of the highest quality. These rigorous qualification procedures start at data acquisition and continue throughout the library development process.



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
- Chemical Structure
- Molecular Formula & Weight
- Classification
- Instrument
- Source of Sample
- Chemical & Physical Properties

Includes the Following Spectral Databases

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



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