

From the Leader in Spectral Databases

KnowItAll Raman Spectral Library



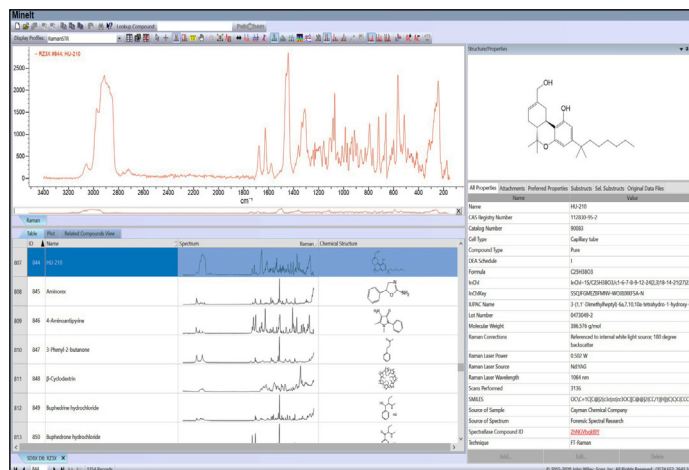
Quality Data. Results You Can Rely On.

Accelerate identification with comprehensive coverage

Wiley's KnowItAll Raman Spectral Library provides access to over 27,000 spectra—the world's largest collection of reference-quality Raman spectra.

Access 31 Raman databases covering a wide range of compounds—from organics and inorganics to application-focused data, we've got you covered!

- Increase both the speed and likelihood of identification with a comprehensive dataset
- Cost-effective way to access an extensive and proven collection of spectral databases
- Along with spectra, records contain physical properties and structures when available
- Includes KnowItAll ID Expert software for one-click basic spectral searches
- Import spectra for identification from most Raman instruments



This collection is an essential tool for the identification, classification, and verification of unknown compounds by Raman spectroscopy in a wide range of applications such as polymer/materials, environmental, forensics/toxicology, pharmaceutical, biotech, automotive/aerospace, food/cosmetics, and many more.

Trusted data from a trusted source

Wiley is an authoritative source for spectral data. Their renowned 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. Any data acquired from trusted partners is thoroughly vetted before inclusion in our collections.

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Subscription is subject to change as data may be added or deleted from collections periodically.

Save time and resources

The KnowItAll Raman Spectral Library is the most affordable way to access Wiley's entire collection of Raman data. Purchasing each database individually on a perpetual basis can be cost prohibitive and the data remains static.

With an annual subscription, researchers can access all Wiley's Raman spectra at a fraction of the cost—plus get access to any updates. And with this much data, your laboratory can ultimately analyze samples faster and save valuable research and analysis time.

Includes access to these databases:

- Raman - Consumer Goods - Wiley
- 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 - Marine Microplastic & Biopolymer Samples - Wiley
- Raman - Materials - Wiley
- Raman - Minerals - Wiley
- Raman - Sadtler Nutraceuticals - Wiley
- Raman - Sadtler Organometallics - Wiley
- Raman - Pigments & Dyes - Wiley
- Raman - Polymers - Wiley
- Raman - Sadtler Polymers & Monomers (Basic) 1 - Wiley
- Raman - Sadtler Polymers & Monomers (Basic) 2 - Wiley
- Raman - Sadtler Polymers & Monomers (Basic) 3 - 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 - Sigma-Aldrich Library of Raman Spectra - Wiley
- Raman - Biomaterials - HORIBA
- Raman - Forensic - HORIBA
- Raman - Minerals - HORIBA
- Raman - Minerals (FT) - HORIBA
- Raman - Semiconductor Materials - HORIBA

Valuable additional information included

When it comes to spectral analysis, the more data you have the better decisions you can make.

KnowItAll spectral databases provide much more information than just the spectrum to help you to narrow your search results even further. We also include valuable metadata with the spectral record when available, such as:

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

Ordering information

Product Code	Name	# Spectra
978EALDB03334	KnowItAll Raman Spectral Library (Annual Subscription) Includes KnowItAll ID Expert for one-click basic spectral search	27K+
978EALDB03730	KnowItAll Raman Identification Pro (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none">• KnowItAll IR Spectral Library• KnowItAll Analytical Edition Software for advanced analyses	27K+
978EALDB03754	KnowItAll IR/Raman Identification Pro (Annual Subscription) Bundle includes subscription to: <ul style="list-style-type: none">• KnowItAll IR and Raman Spectral Libraries• KnowItAll Analytical Edition Software for advanced analyses	IR - 339K+ Raman - 27K+
<i>Some databases can also be purchased individually – please contact us for additional information.</i>		

Compatibility

- Subscription includes KnowItAll ID Expert software for one-click basic spectral searches
- Optional: KnowItAll Analytical Edition (recommended for advances analysis) – with its mixture analysis and patented tools, the software expands the addressable chemical space of the database exponentially!
- Import spectra from most Raman instruments for direct comparison to reference spectra

For instrument compatibility, visit sciencesolutions.wiley.com/compatibility

Use Cases

Raman spectroscopy, unknown Raman spectra identification, Raman spectral interpretation using Raman spectral reference databases, Raman spectra analysis, material characterization / chemical classification of Raman spectra, Raman spectrum deconvolution, Raman spectrum mixture analysis, spectral searching Raman spectra libraries (Raman reference/Raman collection)

Combine with Wiley's Smart-Spectra collections for the most comprehensive analyses

Want access to even more data? Wiley's SmartSpectra collections can extend your chemical compound coverage even further. [Learn more.](#)

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