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KnowItAll Spectroscopy Software and Databases

Streamline your spectral analyses and boost overall lab efficiency with Wiley's KnowItAll—a comprehensive solution for identifying, analyzing, and managing analytical data across techniques.

Robust analytical tools

Comprehensive spectral libraries

Vendor neutral (supports 130+ instrument formats)

WORKS THE WAY YOU DO!

Whether it's processing, searching, mixture analysis, deconvolution, database building, or reporting, **KnowItAll** has you covered. Perform all these tasks efficiently from a single, user-friendly interface.

Tools and applications included:

Spectral searching and data management

PROCESSIT

Spectrum processing for IR, GC-MS, LC-MS, NMR, Raman, and XRD/XRF

ID EXPERT

One-click "first-pass" spectral identification

SEARCHIT

Advanced spectral mixture analysis, "simultaneous" multi-technique search, and spectral deformulation

MINEIT

Spectral database building and data mining

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Analysis

LC Expert

Analyze components with deconvolution and automatic reference database search

GC Expert

Analyze components with deconvolution and automatic reference database search

AnalyzeIt

Functional group analysis: IR, Raman, IR polymer, and vapor phase IR synthetic cannabinoids

PredictIt NMR

NMR chemical shift prediction

QC Expert

IR, Raman, chromatogram quality control comparison

Trendfinder

Performs principal component analysis (PCA) of data to reveal hidden patterns in the data

Integrated productivity tools

CHEMWINDOW

Full-featured 2D structure drawing

REPORTIT

Publish professional reports, with structures, spectra, chromatograms, etc.

QUANTITATION

Simplify your internal and external analytical workflow for GC-MS, IR, Raman, UV-Vis, and GC

Libraries

Spectral libraries

Optimize your analyses with Wiley's high-quality IR, MS, NMR, Raman, UV-Vis, and XRD library collections. Available via KnowItAll desktop, online, or API.

To learn more about KnowItAll, visit:

sciencesolutions.wiley.com

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