

# Wiley Spectra Lab

Spectroscopy Solved

The world's largest spectral database with over 2.3 million spectra

## What is Wiley Spectra Lab



**Wiley Spectra Lab** is an expert spectral data system that uses empirical spectral data and advanced software to help chemists, toxicologists, and life scientists confidently identify chemical substances.

## How can I use it



**Customize your spectral search** to meet your needs with combinations of over 200 spectral databases sourced from **Wiley, Bio-Rad Sadtler™**, and others to provide the focus required by technique and analyte.

## What spectra are available?



**Currently available** are the MS collection, with over 1.1 million mass spectra covering geochemicals, metabolites, poisons and esters; the NMR collection, featuring over 883,000 spectra covering multiple atomic centers, and the IR collection with over 339,000 IR, ATR-IR, Raman, UV-VIS, FT-IR and Near-IR spectra.

Now available in three formats – see over for details



## Formats available



### Web

The web-based edition of Wiley Spectra Lab enables you to identify unknowns across MS, NMR, IR, UV-VIS, and Raman techniques and also allows for reading of manufacturer formats across IR and common NMR. Mixture analysis is available for IR spectra only. **Operating on Windows/OS X, MacOS, Linux, and any Internet-compliant browser.**



### Desktop

The desktop edition provides users with a powerful, automated toolkit to address diverse and specialized spectroscopy tasks. Identifying unknowns is made easier with the following features.

- Read manufacturer formats for MS
- Mixture analysis for NMR
- Deformation expert for IR for reverse-engineering formulated products
- QC expert for IR for quality control applications (21 CFR Part 11-compliant)
- Create your own spectral databases across multiple instrumental techniques
- Operates in Windows, and available to download and install.

**The desktop edition has all the flexibility of the web edition, but without the need to be online.**



### Server

The server provides organizations with a centralized controlled environment for managing data and intellectual property. Administrators can control access and ensure that teams are working from the same centralized playbook. **The server edition provides unlimited access for the whole organization.**



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