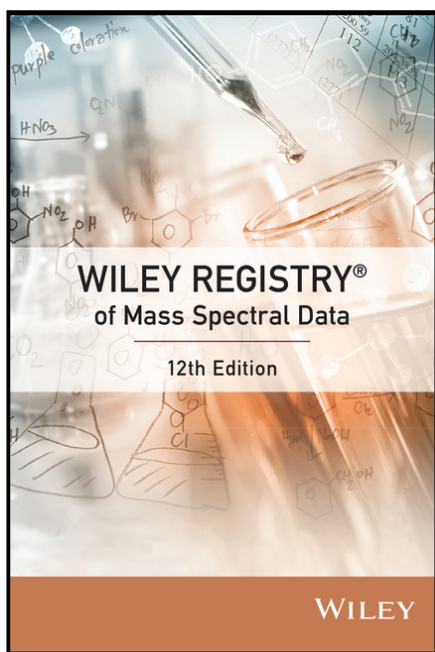


Wiley Registry[®] of Mass Spectral Data, 12th Edition

Confident compound identification with the most comprehensive GC-MS library



The field-tested *Wiley Registry[®] of Mass Spectral Data, 12th Edition* is the largest mass spectral library commercially available, providing over double the compound coverage of our competitors. Applications include untargeted GC-MS screening and accurate mass workflows with MS-TOF instruments.

Experience improved spectral search performance with the 12th Edition. The latest version was extensively validated to sequester and remove suspect spectra from the main library. The new edition also introduces the inclusion of **chemical classifications, calculated Kovats retention indices, and splash IDs.**

The 12th Edition provides researchers the most assurance that their untargeted spectral search is the broadest available. Expansion on the new edition brings an additional 41,450 spectra into the library.

Specifications

- Mass Spectra: **817,290**
- Searchable Chemical Structures: **785,061**
- Unique Compounds: **668,452**
- Chemical Classifications
- Calculated Kovats RI values
- Splash IDs
- Spectra segmented into separate libraries to optimize searching

Wiley Registry[®] of Mass Spectral Data, 12th Edition

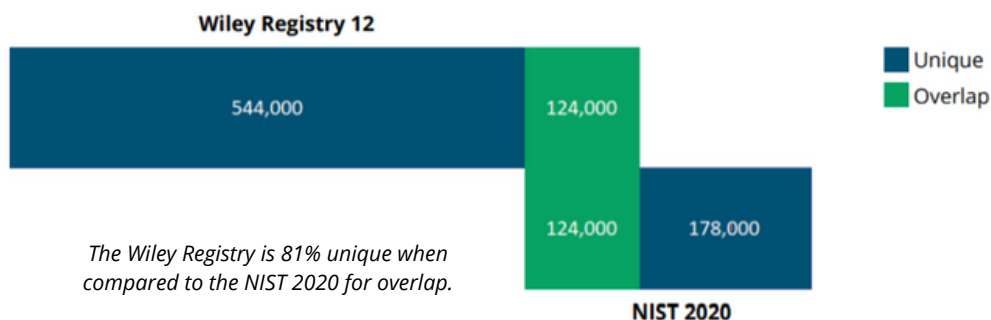
Coverage

Compound coverage for individual compounds can be verified at www.compoundsearch.com

Comparison of Wiley Registry 12 to Previous Versions and NIST Libraries

	WR12	WR11	WR10	WR9	NIST 20	NIST 17	NIST 14
Spectra	817,290	775,818	719,438	662,860	350,643	306,662	276,248
Searchable Structures	785,061	741,255	684,721	565,106	350,643	306,662	276,248
Unique Compounds	668,452	632,511	583,781	476,553	306,869	262,158	237,409

Unique Spectra Comparison: Wiley Registry 12 vs. NIST / EPA / NIH Library 2020



Compatibility

Compatible with most current and legacy mass spectrometry data systems. For full compatibility information please visit sciencesolutions.wiley.com/compatibility.