

Spectra Libraries

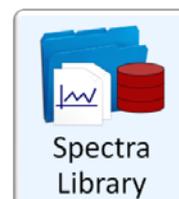
Available for the Analyze IQ® Software Suite

The Analyze IQ Raman Spectra Library is a useful addition to the Analyze IQ software suite for Raman spectroscopy users. It is a carefully-curated library of 1868 Raman spectra (1103 pure materials and 765 mixtures), including the exact composition of each material and all associated data.

The Analyze IQ Raman Spectra Library contains spectra of a wide range of common organic materials, including laboratory chemicals, hazardous materials, research chemicals, and solvent mixtures.

For each spectrum, it stores the exact composition as well as useful meta-data such as the manufacturer, lot number, appearance, purity, IUPAC name, common name, and other details, and also links to Wikipedia details where available.

The library is divided into two subsets, available separately or together:



Acetonitrile:Methanol:Water(30.50:20) - Mixture Sample	
Spectral Acquisition Details	
The items in blue cannot be changed. You can edit items in black and press 'Update Spectrum'.	
Spectrum filename	MP28JULY2006-L12.SP
Date of collection	28/07/2006
Time of collection	12:28
Number of spectra collected	1
Instrument model	Raman5tn
Wavenumber range sampled	
Minimum	250.0
Maximum	3200.0
Number of data points	1476
Collected by	Marissa Phelan
Spectral acquisition time (secs.)	21
Scans acquired per spectrum	21
Axis labels	X: Raman Shift (cm-1)
Entered in database by	Lena Karlson
Entered date	30/11/2006
Log Details	
Details from the spectrum file	
Sample Label	Acetonitrile:Methanol:Water(30.5
Grating (lines/mm)	
Excitation Line (nm)	785
Spec Width (cm-1)	
Aperture Setting	
Objective Lens	
Mixture Details	
Mixture prepared by	MP
Date of preparation	28/07/2006
Notes about preparation	

◆ **Raman Spectra of Laboratory Materials:**

This comprises 1103 spectra covering 899 materials, each of which has a single identified primary constituent

◆ **Raman Spectra of Mixtures:**

This comprises 765 spectra of laboratory-made mixtures of 2 to 4 components.

◆ **Full Raman Spectra Library:** this includes all 1868 spectra.

The **Raman Spectra Library** is sold as an add-on for other **Analyze IQ SmartSearch** and **Analyze IQ Spectra Manager**.

Third Party Libraries: Analyze IQ Limited are resellers of a wide range of libraries and library bundles including: Polymers & Additives, Solvents, Pharmaceuticals, Forensics, Minerals & Inorganics, and many other industry-specific categories.

Download the list of contents of the Raman Spectra Library and contact us for information about third-party libraries at

www.AnalyzeIQ.com

