Agilent FTIR Spectral Libraries Instructions

Agilent FTIR Spectral Libraries, version 1.0.0, 8510230800

Release date: June 28th 2006

The Agilent FTIR Spectral Libraries disk contains approximately 10,000 spectra organized into nine separate libraries, for ease of searching. The specific library to which each spectrum belongs is indicated in parentheses at the end of the spectrum's name. The nine Agilent spectral libraries are:

Library Name	Description	No. of Spectra
Introductory Library	Common and typical compounds	300
NIR Library	Near-IR spectra of common organic compounds	99
Gas Library	Common gases	80
Pharmaceutical Library	Common European OTC and prescription drugs	2423
EPA Library	Vapor phase spectra	3287
Georgia State Crime Lab Paint	Automobile paints	1975
Georgia State Crime Lab Drug	Drugs and drug related compounds	1650
Penn State Mineral	Minerals	52
Poly 8	Common polymers	199

NOTE The spectral libraries on the CD-ROM are formatted for use with Agilent's Resolution Pro software as well as Bio-Rad's KnowItAll and Thermo Electron's Spectral ID software. Please ensure the relevant software is installed on the computer used to search the spectral libraries.

Installing Agilent FTIR Spectral Libraries

To install the Agilent FTIR Spectral Libraries:

1 Insert the Agilent FTIR Spectral Libraries CD-ROM into the CD-ROM drive. The installation will automatically start. If the installation does not automatically start, run **D:\Install\setup.exe** where D:\ is your CD-ROM drive.

Agilent Technologies

2 When the 'Setup-Varian Spectral Libraries' screen appears, read the instructions on the screen and click **Next**.

3 The 'Select Destination Directory' screen will appear and prompt you for the directory in which to install the spectral libraries. Type **C:\Search Libraries** to enable the libraries to be accessible to Resolutions Pro Software. If the directory C:\Search Libraries does not exist on your hard drive, it will automatically be created. Click **Next**.

NOTE If the directory C:\Search Libraries already exists on your hard drive, click Yes to install the spectral libraries into this directory.

Searching Agilent FTIR Spectral Libraries

After installing the Agilent FTIR spectral libraries, you can search your own spectra of interest against those within the library collection by clicking **Agilent Search** on the **Analysis** menu for Resolutions Pro 5.0 or by clicking **Agilent Search** on the **Operations** menu for Resolutions Pro 4.1.

For detailed instructions on searching and creating spectral libraries using Agilent's Resolutions Pro Software, refer to the user manual PDF 'SearchLibraries.pdf' on the FTIR Spectral Libraries CD-ROM.

For further information, or queries regarding Agilent and our products, please contact your local Agilent representative or e-mail:

contact_us@agilent.com

This information is subject to change without notice.

8510235200

Part Number: 8510235200

Edition 03/11
Issue 4
Printed in Australia

© Agilent Technologies, Inc. 2006-2011

Agilent Technologies
679 Springvale Road
Mulgrave, VIC 3170