



## FTIR Sample Data and Sample Spectral Libraries Instructions

### NOTE

NOTICE: This document contains references to Varian. Please note that Varian, Inc. is now part of Agilent Technologies. For more information, go to [www.agilent.com/chem](http://www.agilent.com/chem).

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Agilent FTIR Sample Data and Sample Spectral Libraries, version 2.4.10, part number 8510231000

Release date: November 2010

This CD-ROM will install Agilent FTIR Sample Data, Methods and Libraries. Installed sample libraries include a selection of 200 spectra from Agilent's full FTIR Spectral Libraries CD-ROM (part number 099-2224).

### NOTE

This CD-ROM is formatted for use only with Resolutions Pro Software.

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### Installing the Agilent FTIR Sample Data and Sample Spectral Libraries

To install the FTIR Sample Data and Sample Spectral Libraries:

- 1 Insert the FTIR Sample Data and Sample Spectral Libraries CD-ROM into your computer's CD drive. It will automatically start.

### NOTE

If the program does not automatically start, you must start it manually. Click 'Start' and then select 'Run' for a Windows XP installation or click '**Start > All Programs > Accessories > Run**' for Windows Vista or Windows 7. Type **D:\Install\setup.exe** and then click '**OK**' to start the setup program (where D is your computer's CD drive).

- 2 The 'Welcome to the FTIR Sample Data and Sample Spectral Libraries Setup Wizard' screen appears. Follow the instructions on the screen to install the FTIR Sample Data and Spectral Libraries.

### NOTE

The installation may take several minutes.

- 3 Click **Finish** to complete the installation.

The Spectral Library can be found in C:\Search Libraries (where C is your computer's main drive). The Sample Data can be found in C:\Program Files\Varian\Resolutions\Sample Data.



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**NOTE**

Windows Vista or Windows 7 users should ensure their Sample Data directory is Read and Write enabled for all User groups. This can be done from Windows Explorer by right clicking on **C:\Program Files\Varian\Resolutions\Sample Data** and selecting 'Properties > Security' tab.

### Searching the FTIR Sample Spectral Libraries

After installing the FTIR sample spectral libraries, you can search your own spectra of interest against the sample library's 200 spectra by clicking '**Analysis > Agilent Search**'.

**NOTE**

For detailed instructions on searching and creating spectral libraries, refer to the user manual PDF 'SearchLibraries.pdf' on the FTIR Sample Spectral Data and Sample Spectral Libraries CD-ROM.

### Additional Agilent FTIR Spectral Libraries

A full FTIR Spectral Libraries CD-ROM (part number 099-2224) contains a collection of 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. Descriptions of the nine spectral libraries are listed in the following table:

Library Name	Description	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
Georgia State Crime Lab Paint	Automobile paints	1975

If you would like to enhance your sample spectral library with the additional spectral libraries, please contact your local Agilent representative or e-mail:

[contact\\_us@agilent.com](mailto:contact_us@agilent.com)

This information is subject to change without notice.



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