

Sigma-Aldrich Library of FT-IR Spectra for Shimadzu FTIR Spectrophotometers

Published by Wiley on behalf of Merck KGaA Germany/Sigma-Aldrich; evaluated by Wiley, Shimadzu and third-party experts.

The data collection speed of FTIR analysis makes it the method of choice for identification of unknown materials and confirmation of production materials, while the sensitivity and spectral quality empowers many advanced research applications. Benefits of this sampling technique are evident in the reproducibility of data, and ease of maintenance and use. FTIR offers both qualitative and quantitative analysis of a wide range of organic and inorganic samples. Applications can include **monitoring air quality to address environmental concern, identify seized drugs in forensics, molecular degradation assessment of polymers and plastics and more.**



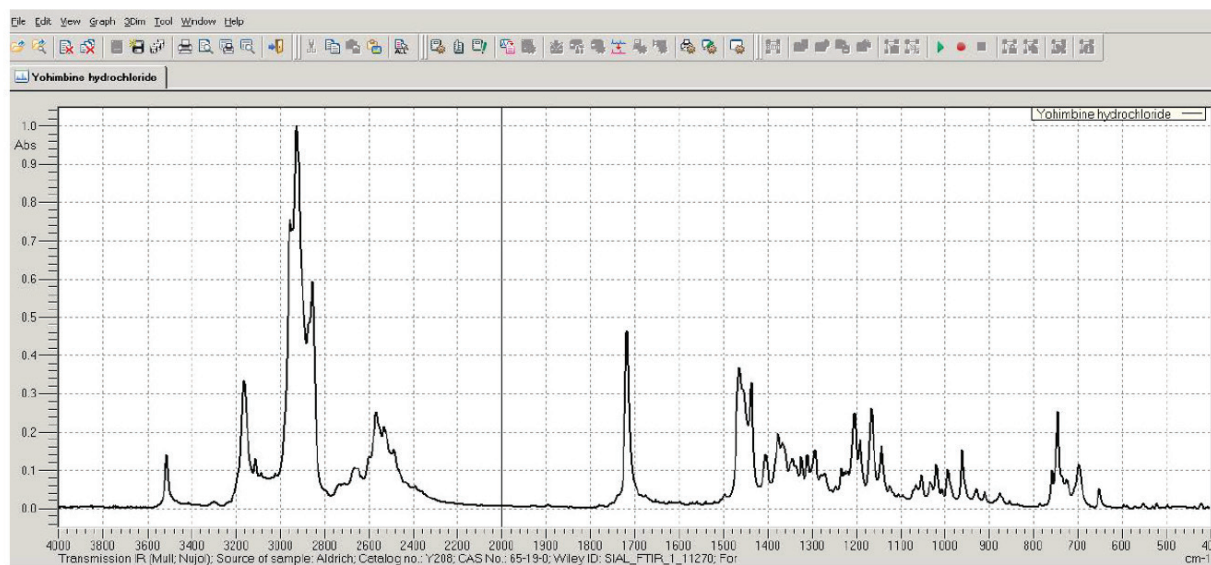
► Included Data Fields

- FT-IR Spectra: 11,270*
- Distinct Sigma-Aldrich catalog numbers
- Searchable Chemical Structures
- Unique Compounds
- Structures with InChI key
- CAS Registry numbers

*The number of spectra is subject to change

► Compatibility

Designed to seamlessly work with Shimadzu's LabSolutions IR software



► Ordering Information

Please contact your local Shimadzu representative.