



KnowItAll® IR Spectral Library

World's Largest Library of IR Spectra

Bio-Rad's KnowItAll IR Spectral Library offers access to over 250,000 infrared spectra—the world's largest and fastest-growing collection of reference-quality IR spectra.

This resource can be used with Bio-Rad's KnowItAll software or search software from a number of IR instrument vendors to identify unknown spectra.

This library includes the KnowItAll ID Expert™ search software at no additional charge.

Features & Benefits

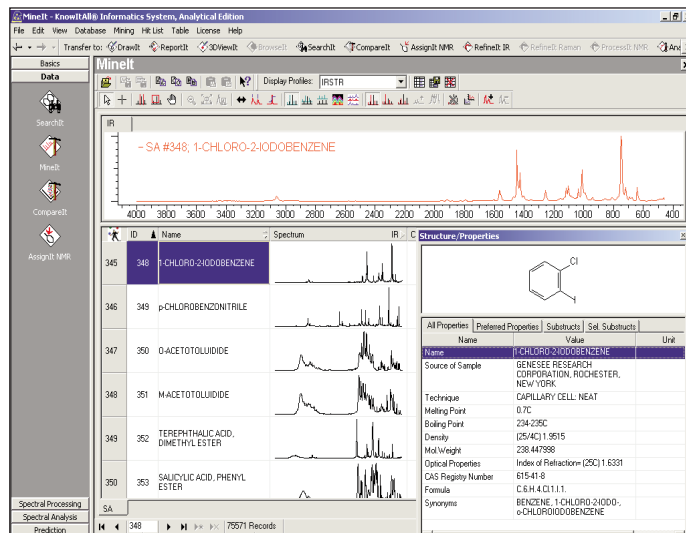
- Access 120 databases with a wide range of compounds—from pure organics to industrial products
- Along with spectra, records contain physical properties and structures when available
- Increase the chances of identification/classification with access to the largest collection of IR spectra
- Cost-effective way to access the most comprehensive IR spectral collection
- Access the most recent data as it is added to the library

Applications

These databases are excellent tools for the interpretation, classification, identification, and verification of unknown compounds in a wide range of disciplines, for example, polymer, environmental, forensic, pharmaceutical, and food research and analyses.

Highest-Quality Spectra

All spectra are processed according to our Sadtler™ Data Review Protocol to ensure they are of the highest quality. These rigorous qualification procedures start at data acquisition and continue throughout the database development process.



Additional Information Included in Databases

The KnowItAll IR Spectral Library provides much more information than simply the spectrum. Database records include the following details when available:

- Name
- Chemical Structure
- Molecular Formula & Weight
- Classification
- Instrument
- Source of Sample
- Chemical & Physical Properties

Affordable

The KnowItAll IR Spectral Library is the most affordable way to access Bio-Rad's entire collection of IR data. Purchasing each database individually would cost hundreds of thousands of dollars for a collection that remains static. With an annual license, researchers can access all Bio-Rad's IR spectra at a fraction of the cost—plus get access to the most recent data.

Includes the Following Databases

ATR-IR - Controlled & Prescription Drugs 1 - Bio-Rad Sadtler
ATR-IR - Controlled & Prescription Drugs 2 - Bio-Rad Sadtler
ATR-IR - Controlled & Prescription Drugs 3 - Bio-Rad Sadtler
ATR-IR - Flavors & Fragrances - Bio-Rad Sadtler
ATR-IR - Inorganics 1 - Bio-Rad Sadtler
ATR-IR - Inorganics 2 - Bio-Rad Sadtler
ATR-IR - NIOSH Pocket Guide to Chemical Hazards Compounds - Bio-Rad Sadtler
ATR-IR - Nutraceuticals 1 - Bio-Rad Sadtler
ATR-IR - Nutraceuticals 2 - Bio-Rad Sadtler
ATR-IR - Organometallics 1 - Bio-Rad Sadtler
ATR-IR - Organometallics 2 - Bio-Rad Sadtler
ATR-IR - Plasticizers - Bio-Rad Sadtler
ATR-IR - Polymers - Bio-Rad Sadtler
ATR-IR - Polymers & Monomers (Basic) 1 - Bio-Rad Sadtler
ATR-IR - Polymers & Monomers (Basic) 2 - Bio-Rad Sadtler
ATR-IR - Polymers & Monomers (Basic) 3 - Bio-Rad Sadtler
ATR-IR - Polymers & Monomers (Basic) 4 - Bio-Rad Sadtler
ATR-IR - Solvents - Bio-Rad Sadtler
ATR-IR - Standards 1 - Bio-Rad Sadtler
ATR-IR - Standards 2 - Bio-Rad Sadtler
ATR-IR - Standards 3 - Bio-Rad Sadtler
ATR-IR - Standards 4 - Bio-Rad Sadtler
ATR-IR - Standards 5 - Bio-Rad Sadtler
ATR-IR - Standards 6 - Bio-Rad Sadtler
ATR-IR - SWGDRUG Library - Bio-Rad Sadtler
IR - Adhesives & Sealants - Bio-Rad Sadtler
IR - Adhesives & Sealants (Subset) - Bio-Rad Sadtler
IR - Automobile Paint Chips
IR - Coating Chemicals - Bio-Rad Sadtler
IR - Coating Chemicals (Revised) - Bio-Rad Sadtler
IR - Commonly Abused Drugs (Acid) - Bio-Rad Sadtler
IR - Commonly Abused Drugs (Base) - Bio-Rad Sadtler
IR - Controlled & Prescription Drugs 1 - Bio-Rad Sadtler
IR - Dyes - Bio-Rad Sadtler
IR - Dyes, Pigments & Stains - Bio-Rad Sadtler
IR - Electric Power Plant Materials - Bio-Rad Sadtler
IR - EPA Vapor Phase - Bio-Rad Sadtler
IR - Epoxy Resins, Curing Agents & Additives - Bio-Rad Sadtler
IR - Fats, Waxes & Derivatives - Bio-Rad Sadtler
IR - Fibers & Textile Chemicals - Bio-Rad Sadtler
IR - Fibers by Microscope - Bio-Rad Sadtler
IR - Flame Retardants - Bio-Rad Sadtler
IR - Flavors & Fragrances - Bio-Rad Sadtler
IR - Flavors, Fragrances & Oils - Bio-Rad Sadtler
IR - Food Additives - Bio-Rad Sadtler
IR - Food Additives (Revised) - Bio-Rad Sadtler
IR - Gases & Vapors - Bio-Rad Sadtler
IR - Georgia State Crime Lab
IR - Industrial Chemicals, Basic Organic Compounds - Wiley
IR - Industrial Chemicals, Pure Organic Compounds - Wiley
IR - Inorganics - Bio-Rad Sadtler
IR - Inorganics (Subset) - Bio-Rad Sadtler
IR - Intermediates - Bio-Rad Sadtler
IR - Intermediates (Basic) - Bio-Rad Sadtler
IR - Lubricant Additives 1 - Bio-Rad Sadtler
IR - Lubricant Additives 2 - Bio-Rad Sadtler
IR - Lubricants 1 - Bio-Rad Sadtler
IR - Lubricants 2 - Bio-Rad Sadtler
IR - Merck - Bio-Rad Sadtler
IR - Minerals & Clays - Bio-Rad Sadtler
IR - NIOSH Pocket Guide to Chemical Hazards Compounds - (Vapor Phase) - Bio-Rad Sadtler
IR - NIOSH Pocket Guide to Chemical Hazards Compounds - Bio-Rad Sadtler
IR - Organometallics - Bio-Rad Sadtler
IR - Organosilicons
IR - Pesticides & Agricultural Chemicals - Bio-Rad Sadtler
IR - Petroleum Chemicals - Bio-Rad Sadtler
IR - Pharmaceuticals - Bio-Rad Sadtler
IR - Plasticizers - Bio-Rad Sadtler
IR - Polymer Additives - Bio-Rad Sadtler
IR - Polymer Additives (Revised) - Bio-Rad Sadtler
IR - Polymer Additives, Hummel Industrial - Wiley
IR - Polymer Processing Chemicals - Bio-Rad Sadtler Scholl
IR - Polymers & Monomers (Basic) 1 - Bio-Rad Sadtler
IR - Polymers & Monomers (Basic) 2 - Bio-Rad Sadtler
IR - Polymers & Monomers (Basic) 3 - Bio-Rad Sadtler
IR - Polymers & Monomers (Comprehensive) - Bio-Rad Sadtler
IR - Polymers & Monomers (Subset) 1 - Bio-Rad Sadtler
IR - Polymers & Monomers (Subset) 2 - Bio-Rad Sadtler
IR - Polymers, Controlled Pyrolyzates - Bio-Rad Sadtler
IR - Polymers, Hummel - Bio-Rad Sadtler
IR - Polymers, Hummel Defined - Wiley
IR - Polymers, Hummel Defined Basic - Wiley
IR - Polymers, Hummel Industrial - Wiley
IR - Polymers, Hummel Industrial Monomers - Wiley
IR - Polymers, Hummel Industrial Polymers - Wiley
IR - Polyols - Bio-Rad Sadtler
IR - Prepared & Prescription Drugs (Acid) - Bio-Rad Sadtler
IR - Prepared & Prescription Drugs (Base) - Bio-Rad Sadtler
IR - Priority Pollutants - Bio-Rad Sadtler
IR - Priority Pollutants (Vapor Phase) - Bio-Rad Sadtler
IR - Rubber Chemicals - Bio-Rad Sadtler
IR - Rubber Chemicals (Revised) - Bio-Rad Sadtler
IR - Solvents - Bio-Rad Sadtler
IR - Solvents (Basic) - Bio-Rad Sadtler
IR - Solvents (Vapor Phase) - Bio-Rad Sadtler
IR - Standards 1 - Bio-Rad Sadtler
IR - Standards 2 - Bio-Rad Sadtler
IR - Standards 3 - Bio-Rad Sadtler
IR - Standards 4 - Bio-Rad Sadtler
IR - Standards 5 - Bio-Rad Sadtler
IR - Standards (Comprehensive) - Bio-Rad Sadtler
IR - Standards (Selected Subset) - Bio-Rad Sadtler
IR - Standards (Subset) 1 - Bio-Rad Sadtler
IR - Standards (Subset) 2 - Bio-Rad Sadtler
IR - Standards (Vapor Phase Comprehensive) - Bio-Rad Sadtler
IR - Standards (Vapor Phase Selected Subset) - Bio-Rad Sadtler
IR - Steroids 2 - Bio-Rad Sadtler
IR - Steroids, Androgens, Progestins, & Estrogens - Bio-Rad Sadtler
IR - Surfactants (Basic) - Bio-Rad Sadtler
IR - Surfactants (Comprehensive) - Bio-Rad Sadtler
IR - Surfactants (Subset) 1 - Bio-Rad Sadtler
IR - Surfactants (Subset) 2 - Bio-Rad Sadtler
IR - Surfactants, Hummel - Wiley
IR - University Standards - Bio-Rad Sadtler
IR - Water Treatment Chemicals - Bio-Rad Sadtler



Bio-Rad
Laboratories, Inc.