



KnowItAll® Software - Supported File Formats

Bio-Rad's KnowItAll Informatics System Software helps scientists analyze and manage multiple types of spectral/chemical data in multiple file and instrument formats. Formats supported depend on the edition of KnowItAll licensed. KnowItAll can also import XY data and spreadsheets: Generic X Y data files (*.*) ; text files delimited by comma, tab, etc. (*.csv).

IR

Sadtler IRF (*.irf) Bomem (*.a01) Bruker (*.*) Digilab (*.dt) Galactic/GRAMS (*.spc, *.fir, *.ir, *.rmn) HORIBA NGS/TSF (*.ngs, *.tsf)	Generic XY Data (*.*) HORIBA MDW (*.mdw) JASCO (*.jws, *.j1d) JCAMP (*.dx, *.jdx) JEOL (*.wsf) Mattson (*.ras, *.abs)	Nicolet (*.spa) PE Spectrum (*.sp) Shimadzu SMF (*.irs, *.smf) Spectacle/Shimadzu (*.irs, *.nmr, *.uvd) RenishawWIRE Files (*.wdf, *.wxd)
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Raman

Sadtler IRF (*.irf) Bomem (*.a01) Bruker (*.*) Digilab (*.dt) Galactic/GRAMS (*.spc, *.fir, *.ir, *.rmn) Generic XY Data (*.*)	HORIBA MDW (*.mdw) HORIBA LabSpec (*.l6s, *.ngs, *.tsf) JASCO (*.jws, *.j1d) JCAMP (*.dx, *.jdx) JEOL (*.wsf) Mattson (*.ras, *.abs)	Nicolet (*.spa) PE Spectrum (*.sp) Renishaw WIRE Files (*.wxd, *.wdf) Shimadzu SMF (*.irs, *.smf) Spectacle/Shimadzu (*.irs, *.nmr, *.uvd)
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NIR

Sadtler IRF (*.irf) Bomem (*.a01) Bruker (*.*) Digilab (*.dt) Galactic/GRAMS (*.spc, *.fir, *.ir, *.rmn) Generic XY Data (*.*)	GuidedWave (*.*) HORIBA LabSpec (*.l6s, *.ngs, *.tsf) HORIBA MDW (*.mdw) JASCO (*.jws, *.j1d) JCAMP (*.dx, *.jdx)	Mattson (*.ras, *.abs) Nicolet (*.spa) PE Spectrum (*.sp) Spectacle/Shimadzu (*.irs, *.nmr, *.uvd) Shimadzu SMF (*.irs, *.smf)
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NMR

Bruker Aspect (*.*) Bruker UXNMR/XWinNMR 1D (*.1r, *.fid) Bruker WinNMR (*.1r, *.fid) Galactic/GRAMS (*.spc, *.fir, *.ir, *.rmn) Generic XY Data (*.*)	JEOL AL NMR (*.als) JEOL Delta NMR (*.jdf) JEOL GX/GSX/EX-90 NMR (*.gxd, *.gxp) JCAMP (*.dx, *.jdx)	MestRe-C (*.mrc) NUTS (*.*) Spectacle/Shimadzu (*.irs, *.nmr, *.uvd) Varian 1D NMR (phasefile, data, fid)
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MS

Agilent / HP ChemStation (*.d; data.ms) Agilent / HP ChemStation (NT) (*.msd, *.ms) ANDI Mass Spec (*.cdf) AneIva AGS-7000 (*.par) AneIva AGS-7000 (DOS)(*.par) Automass (*.spa) Balzers QuadStar (*.scb) EPA (*.ep) Extrel Merlin (*.ms) Finnigan GCQ (*.ms) Finnigan Incos (*.mi) Finnigan Ion Trap (*.dat) Finnigan ITS-40 (*.ms) Finnigan Magnum (*.ms) Finnigan SSX (*.dat) Galactic/GRAMS (*.spc, *.fir, *.ir)	Generic XY data (*.*) Hitachi (*.mch) Hitachi M-4100 (ms1.mat) Hitachi MS Filer (*.msf) HP RTE Chemstation (*.ms) JEOL Compliment (*.hed) JEOL DA-5000 (*.dat) JEOL DA-6000 (*.dat) JEOL GCMate (*.lrp) JEOL JCAMP (*.jsp) JEOL Mario (*.hed) JCAMP (*.dx, *.jdx) Kratos DS90 (*.rn) Kratos Mach3 (*.run) MASPEC (*.mss) Mass Evolution (*.spe)	Mass Evolution EZScan v4 (*.hrd) MassLib JCAMP (*.mjl) MatLab (*.mlt) MSS (*.mss) MS ChemStation (*.ms) Nermag SIDAR (*.spe) Netzsch (*.ntz) netCDF (*.cdf) Palisade PAL (*.pal) PE TurboMass (*.raw;_func, *.dat) PE QMass-910 (*.mss) Shrader Systems/Windows (*.lrp) Shrader System (*.lrp) Shimadzu PAC200 (*.x) Shimadzu QP-5000 (*.r)	Teknivent Vector/2 (*.tkf) Teknivent Vector/1 (*.raw) Teknivent Vector/2 (*.v2s) Text (*.txt) ThermoQuest Xcalibur (*.raw) Varian Saturn (*.ms) VG 11-250 (*.dat) VG JCAMP (*.jdx) VG LabBase (*.hdr) VG MassLab (*.raw;_func, *.dat) VG MassLynx (*.raw;_func, *.dat) VG MassLynx Processed (*.raw;_func, *.dat) VG ThermoLab (*.lgh) VG ThermoLab (*.ps)
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UV-Vis

Galactic/GRAMS (*.spc, *.fir, *.ir) Generic XY Data (*.*)	JCAMP (*.dx, *.jdx) JASCO (*.jws)	PG Instruments (*.spd) Spectacle/Shimadzu (*.irs, *.nmr, *.uvd)
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GC

ANDI Chromatography (*.cdf) Galactic/GRAMS (*.spc, *.fir, *.ir)	Generic XY Data (*.*) MS ChemStation (*.ms)	Spectacle/Shimadzu (*.irs, *.nmr, *.uvd)
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Structure File Formats

ChemDraw (*.cdx) ChemWindow (*.cwg) ChemWindow (*.cwt) CML (*.XML)	DrawIt (*.dsf) DrawIt & style (*.dst) Hampden (*.hsf)	InChI (*.txt) JCAMP (*.dx, *.jdx) MDL MOL (*.mol)	MDL RXN (*.rxn) Smiles (*.smi) XYZ (*.xyz)
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Data File Formats

MDL SDF (*.sdf)	Infometrix (*.dat)
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Bio-Rad
Laboratories, Inc.