



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

Raman

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

NIR

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

NMR

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

MS

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

UV-Vis

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

GC

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

Structure File Formats

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

Data File Formats

MDL SDF (*.sdf)	Infometrix (*.dat)
-----------------	--------------------



Bio-Rad
Laboratories, Inc.