

Package name: EPRSIM C – technical information

Program name: EPR Convert

Icon: 

OS environment: MS Windows (32 bit)

Windows application

Version & Release: 2.1.1

Purpose:

- Conversion of Bruker OS9 binary spectral files into ASCII files

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1 EPR convert usage

EPR convert is designed to convert binary spectral files to ASCII files to be easily used in EPRSIM package as well as in other application.

1.1 SPC files conversion

SPC Bruker binary files are converted by clicking on “SPC-to-ASCII convert” button. Dialog box appears in which one can choose multiple spectral files for conversion. All files are converted one by one.

If “All files to one!” checkbox is checked, all spectral files are also written in additional files in the form of multiple column ASCII file with the filename written in the first line.

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1.2 DTA files conversion

DTA Bruker binary files are converted by clicking on “DTA-to-ASCII convert” button. Dialog box appears in which one can choose multiple spectral files for conversion. All files are converted one by one.

Note, that DTA can include 2D experiment data. Therefore, conversion is done by splitting data into several files, denoted by “_slice#” where # means slice index.

If “All files to one!” checkbox is checked, all spectral files are also written in additional files in the form of multiple column ASCII file with the filename and slice index written in the first line.

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1.3 Conversion of multiple spectral files into single file

By checking “All files to one!” checkbox, several spectral files can be converted into single file, where each spectrum is saved into one column. To distinguish between the data, the columns are indexed by the appropriate filenames.

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