

NIR - Common Organic Compounds (High) (Low) - Wiley

Spectra - 3,800

Description

This Near IR spectral collection contains 1,900 common organic compounds. Each compound is run over two regions. (3,800 to 7,200 cm^{-1} and 6,300 to 10,500 cm^{-1}). The Near IR spectral region lies between the edge of the visible region and the beginning of the fundamental infrared absorption bands. In contrast to other analytical methods, near IR spectroscopy offers many advantages for QA/QC analysis and process control applications. It offers speed of measurement, high sensitivity, and quick analysis with little or no sample preparation.

Additional Information

Chemical name, purity, melting point, boiling point, density, molecular formula, molecular weight, CAS Registry number, manufacturer's article number, path length, resolution, comments

Technique

All spectra have been recorded on a Bruker IFS 88 spectrometer.

First Region: 3,800-7,200 cm^{-1}

Second Region: 6,300-10,500 cm^{-1}