GDR Telecom Site Energy Systems

Spectrometer Measurement Data Table

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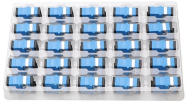
	This database provides access and search capability for NIST critically evaluated data on atomic energy levels, wavelengths, and transition probabilities that are reasonably up-to-date.
	The wavelengths, intensities, and spectrum assignments are given in a table for each element, and the data for the approximately 12,000 lines of all elements are also collected into a ...
	Provides access to chemical and physical property data (including IR, mass, and UV/vis spectra) for chemical species. Searchable by chemical formula, partial formula, chemical name, CAS ...
	The following pages contain some basic spectroscopic data tables. Both the schematic figure and the table show similar information presented in different ways. Both have their merits. They show the ...
	First, the spectrometer has only one purpose — namely, to measure a sample spectrum, which is simply an X-Y data array comprising intensity values across some range of frequencies.



The simplified correlation table on the right allows users to extract structural information from IR spectra. Computer-based search programs are also available for assisting in compound identification.

This action is not available.

This handbook is designed to provide a selection of the most important and frequently used atomic spectroscopic data in an easily accessible compact format. The compilation includes data for the ...

Infrared Tables (short summary of common absorption frequencies) The values given in the tables that follow are typical values. Specific bands may fall over a range of wavenumbers, cm-1. Specific ...

This page shows experimental LIBS spectra of many elements in the periodic table. Click a link on the element list or scroll down to the element you want to see.

The wavelengths, intensities, and spectrum assignments are given in a table for each element, and the data for the approximately 12,000 lines of all elements are also collected into a ...

Contact Us

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