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G. Sokrates: Infrared and Raman characteristic group frequencies: tables and charts

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The book is intended as a manual for all users of infrared and Raman spectroscopy. Next to a short introduction about group frequencies and a section discussing spurious bands, the main contents presented are detailed tables of functional groups and their typical bands in IR and Raman spectra. The enormous amount of data are made easily accessible for the reader by giving a clear division of the book based on

the compound discussed. As an additional help for identifying the analyzed material, or to determine the expected band positions in the spectra, various correlation charts are also included.

This book delivers a encyclopedic summary for all common chemical compounds. It is a powerful tool for everyone dealing with infrared or Raman spectroscopy and highly recommended.