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Handbook of Raman Spectroscopy: From the Research Laboratory to the Process Line (Practical Spectroscopy): Amazon.co.uk: Lewis, Ian R., Edwards, Howell: 9780824705572: Books. £229.99.

[Handbook of Raman Spectroscopy: From the Research ...](#)

Handbook of Raman spectroscopy. From the research laboratory to the process line. Edited by Ian R. Lewis and Howell G. M. Edwards. Marcel Dekker, New York and Basel, 2001. Price \$225. - Long - 2004 - Journal of Raman Spectroscopy - Wiley Online Library.

[Handbook of Raman spectroscopy - From the research ...](#)

Handbook of Raman Spectroscopy: From the Research Laboratory to the Process Line Practical Spectroscopy: Authors: Ian R. Lewis, Howell Edwards: Publisher: CRC Press, 2001: ISBN: 1420029258, 9781420029253: Length: 1072 pages: Subjects

[Handbook of Raman Spectroscopy: From the Research ...](#)

Raman Spectroscopy is a technique based on an optical phenomenon first reported by C. V. Raman [1], in which a beam of light incident on a sample generates inelastic collisions between the photons...

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This four-volume handbook presents unique data of infrared and Raman spectra that are extremely useful for the analysis of inorganic compounds and organic salts. The spectra charts as presented in the volumes may be used to facilitate spectra-structure identification of most compounds, while cross-indexing of data allows for easy comparison of infrared and Raman spectra of the same compound.

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Publisher Summary. This chapter discusses the experimental, theoretical, and empirical correlations between functional organic groups and the infrared spectrum. The application of infrared spectroscopy to the identification of inorganic compounds is less successful. In obtaining infrared spectra of inorganic solids, an experimental complication arises from possible chemical reaction between the inorganic compound and the infrared window material or support medium.

[Handbook of Infrared and Raman Spectra of Inorganic ...](#)

This chapter discusses how infrared (IR) and Raman spectra provides illustrative examples of compounds containing characteristic chemical groups discussed in the book titled The Handbook of infrared and Raman characteristic frequencies of organic molecules. The spectra were selected from the collection of Sadler Standard Raman Spectra.

[The Handbook of Infrared and Raman Characteristic ...](#)

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[Handbook of Raman spectra](#)

Description. A collection of infrared and Raman spectra of 500 natural and synthetic polymers of industrial importance is presented in this book. A large variety of compounds are included, starting with linear polyolefins and finishing with complex biopolymers and related compounds.

[Handbook of Fourier Transform Raman and Infrared Spectra ...](#)

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Handbook of Vibrational Spectroscopy. THE DEFINITIVE RESOURCE. The first truly comprehensive work on vibrational spectroscopy, providing a one-stop reference for infrared, near-infrared and Raman spectroscopy.

[Handbook of Vibrational Spectroscopy - 2001 - Wiley ...](#)

HANDBOOK OF RAMAN SPECTROSCOPY; FROM THE RESEARCH LABORATORY TO THE PROCESS LINE by Lewis, I.R. & Edwards, H.G.M.(Eds) and a great selection of related books, art and collectibles available now at AbeBooks.co.uk.

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Fri frakt inom Sverige för privatpersoner. This work covers principles of Raman theory, analysis, instrumentation, and measurement, specifying up-to-the-minute benefits of Raman spectroscopy in a variety of industrial and academic fields, and how to cultivate growth in new disciplines. It contains case studies that illustrate current techniques in data extraction and analysis, as well as over 500 drawings and photographs that clarify and reinforce critical text material.