



Colthup spectra-structure correlation charts for infrared frequencies in the 4000-600 cm<sup>-1</sup> region from Lin-Vien, D., N. B. Colthup, W. G. Fateley, and J. G. Grasselli, *The Handbook of Infrared and Raman Characteristic Frequencies of Organic Molecules*, Academic Press, New York, 1991.









