

Vibrational intensities of liquid N-methylpiperidine.

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Streszczenie

Thin film transmission spectra of liquid N-methylpiperidine were measured in the 4000–500 cm⁻¹ region, using cells of thicknesses ranging from 1 to 8.2 μm. The spectra of both components of the complex refractive index were determined from these data in the mid-IR. Vibrational intensities and other spectral data were calculated from the $k(\nu)$ spectrum. In this region 41 bands were detected and quantitatively described. The assignment of numerous bands was carried out. The results were compared with available literature data.

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