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Terahertz spectral properties of melamine and its deuterated isotope, melamine-d₆[J]. Nuclear Science and Techniques, 2012, 04: 209-214.

关键词: THz time-domain spectroscopy, melamine, deuterium, hydrogen bond stretching, π - π stacking vibration

摘要: < 正 > The far-infrared optical properties of melamine and its deuterated isotope, melamine-d₆ were experimentally and theoretically investigated in the frequency range from 0.2 to 3.0 THz. Under the room temperature and dry air nitrogen conditions, three absorption bands were observed at 2.0, 2.3 and 2.6 ...