

OPTICAL AND SPECTRAL INVESTIGATIONS
OF RADIATION-DAMAGED $(\text{CH}_3)_3\text{NHCdCl}_3$
CRYSTALS

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S u m m a r y

The absorption and Raman spectra of nonradiated and β -, γ - and X-irradiated $(\text{CH}_3)_3\text{NHCdCl}_3$ crystals with different doses are investigated. The magnitude and direction the UV absorption edge shift depends on the type and dose of irradiation. A model for radiation centers in these crystals that is confirmed by the results of Raman spectra research is suggested.