

EPR of Gamma Irradiation Damage Centres in Single Crystals of Some Phosphonates and Derivatives

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The EPR spectra of the phosphorous centred radicals produced by γ -irradiated single crystals of three phosphorous compounds have been observed and identified as the free radicals $(\text{OCH}_3)_2\dot{\text{P}}\text{O}$ and $(\text{OCH}_3)_2\text{P}\dot{\text{O}}$.

Key words: Electron Paramagnetic Resonance; Free Radical; Phosphonate Derivatives.