

33. Optical and Surface morphology of Zinc Tartrate Crystals

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ABSTRACT

Crystals of Zinc Tartrate were grown by a simple gel technique using single diffusion method. The optimum growth conditions were established by various parameters such as pH of gel solution, gel concentration, gel setting time, concentration of reactants etc. Crystals having different morphologies and habits are obtained. The crystals were characterized using Scanning electron microscope (SEM), UV, Energy dispersive X – ray spectroscopy (EDAX) and Electrical resistivity measurements.

Key words: - Gel Grown zinc tartrate crystals, SEM, UV, EDAX,