Raman Spectroscopic Signature of Ectoine Conformations in Bulk Solution and Crystalline State

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Fig. 1: Optical image of anhydrate ectoine sample.
Fig. 2: Raman spectra of anhydrate and dihydrate ectoine. The insets depict the ring deformation modes involved in Fermi resonance and the shift of one of the deformation modes upon hydration.