

## PHONON WING SPECTRA OF PHTHALOCYANINES IN LIQUID HELIUM

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LIF spectra of the (S<sub>1</sub>←S<sub>0</sub>) band of phthalocyanine and Mg-phthalocyanine in liquid <sup>4</sup>He droplets were measured. Phonon wing of 0-0 line shows discrete structure suggesting localization of some helium atoms in the neighborhood of the molecules. The spectral structure close to the band origin ( $\Delta E < 3 \text{ cm}^{-1}$ ) is assigned to the collective motion of few He atoms on the molecular surface.