PHONON WING SPECTRA OF PHTHALOCYANINES IN LIQUID HELIUM

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LIF spectra of the (S1←S0) band of phthalocyanine and Mg-phthalocyanine in liquid ^{4}He droplets were measured. Phonon wing of 0-0 line shows discret structure suggesting localization of some helium atoms in the neighborhood of the molecules. The spectral structure close to the band origin ($\Delta E < 3$ cm^{-1}) is assigned to the collective motion of few He atoms on the molecular surface.