

An IR Study of Benzoyl Chloride Adsorbed on KA, NaA, and CaA Zeolites

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Infrared spectroscopy has been used to investigate the adsorption of liquid benzoyl chloride on A-type zeolites. The data show that at room temperature the Fermi resonance phenomenon occurs in the adsorption on KA, NaA and CaA zeolites which are little acidic aluminosilicates.

Key words: IR; Benzoyl Chloride; Fermi Resonance; A-type Zeolites.