## Preparation of mesoporous adsorbents for separation of carboxylic acid from aqueous solution

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Adsorbents with amino group were prepared for the separation of carboxylic acid from aqueous solution. Mono, secondary, and tertiary amino groups were incorporated into the mesoporous silica network through post synthesis and co-condensation. These materials were characterized by FT-IR, NMR, Elemental analysis, Thermal gravimetric analysis, Nitrogen adsorption, and TEM. Adsorption isotherms of pyruvic acid and succinic acid were obtained and compared.