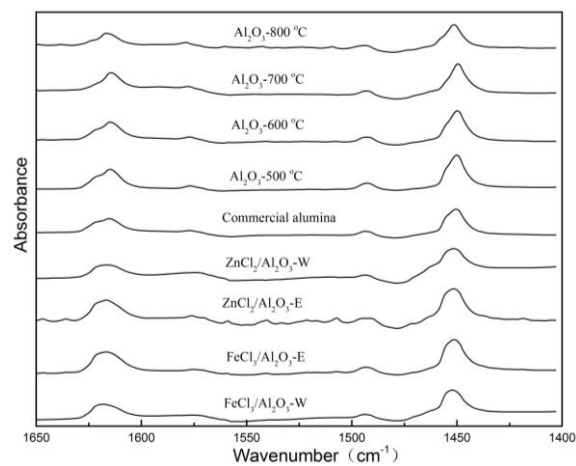


# Methyl Chloride Synthesis over Metal Chlorides Modified Mesoporous Alumina Catalyst

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**Figure S1.** FTIR spectra of pyridine adsorbed on mesoporous aluminas and metal chlorides modified aluminas. Spectra are on the same scale and offset vertically for clarity.