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Supporting information

A Facile Synthesis of SAPO-34 Molecular Sieves with Microwave Irradiation in Wide Reaction Conditions

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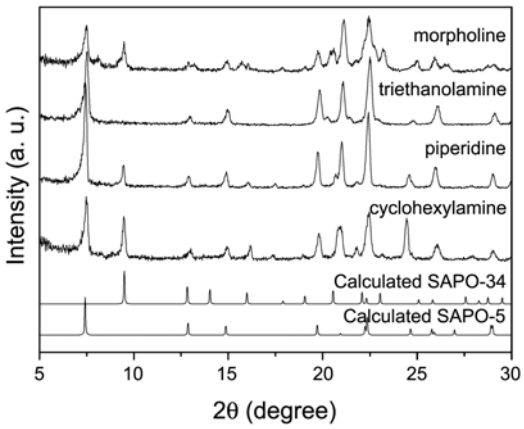

Figure 1. XRD patterns of SAPO molecular sieves that were synthesized for 4 h at 200 °C with microwave heating from gels containing various templates. The molar composition of the reaction mixture was Al_2O_3 : $1.0P_2O_5$: $0.30SiO_2$: 2.0 template : $100H_2O$.

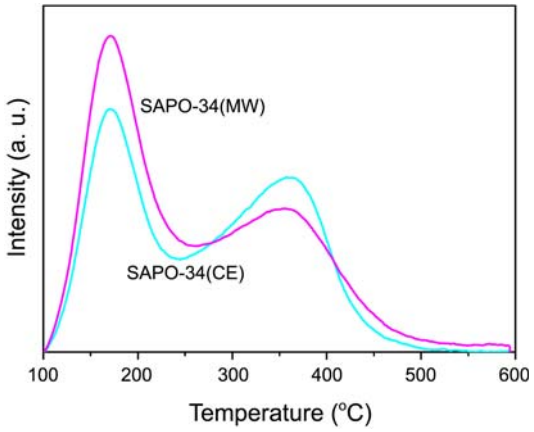

Figure 2. NH_3-TPD patterns of SAPO-34 molecular sieves to show the acidic characteristics of the molecular sieves.