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SUPPLEMENTARY INFORMATION

**MOR/DEA/TEA mixed-template synthesis of CHA-type SAPO with different
silica and alumina sources**

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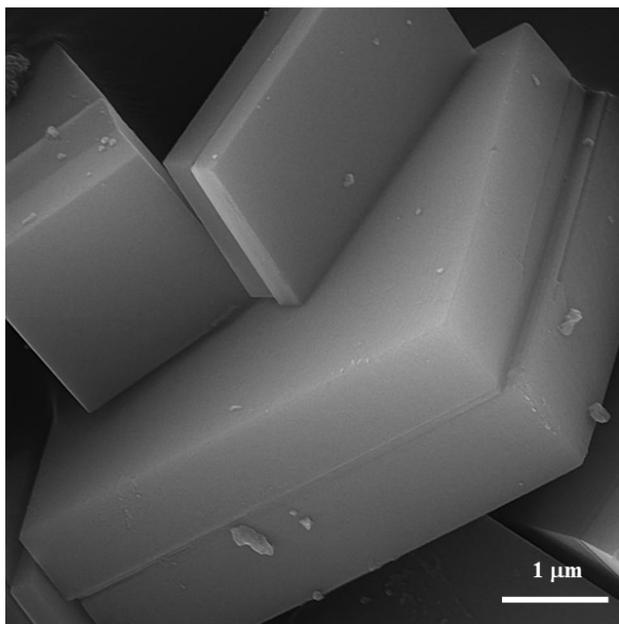


Figure S1. Crystal twinning of sample PB-SS as a characteristic of SAPO-44

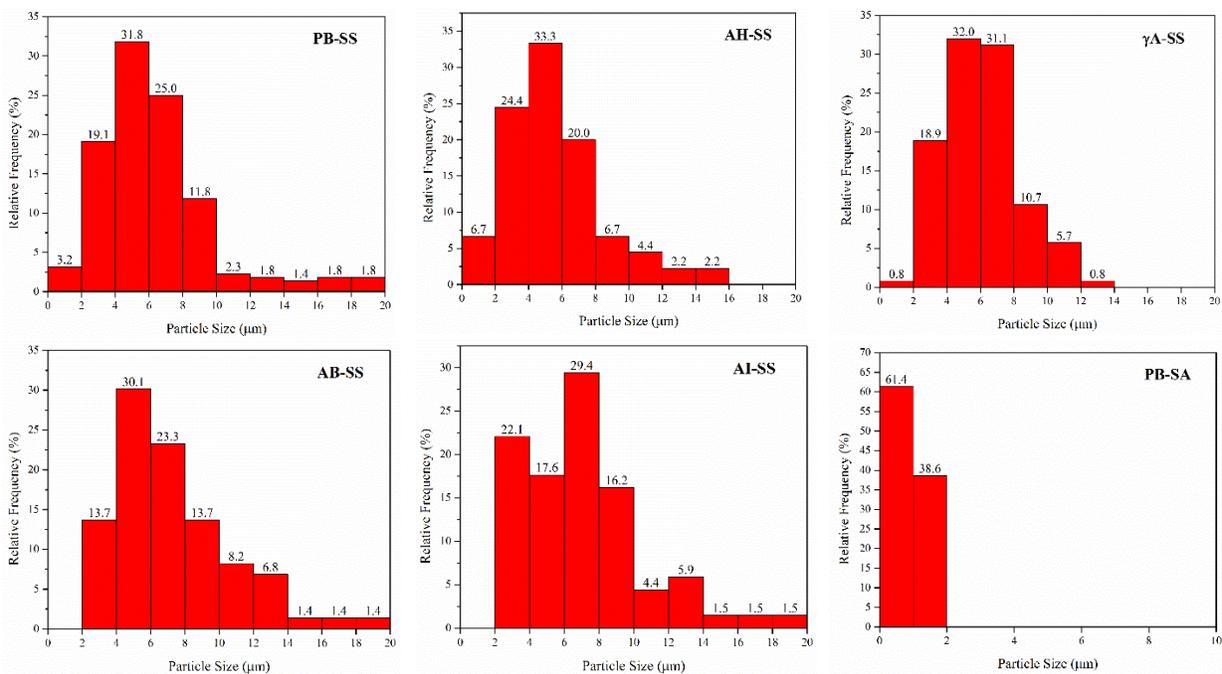


Figure S2. A particle size distribution histogram determined from the SEM images of the crystalline samples

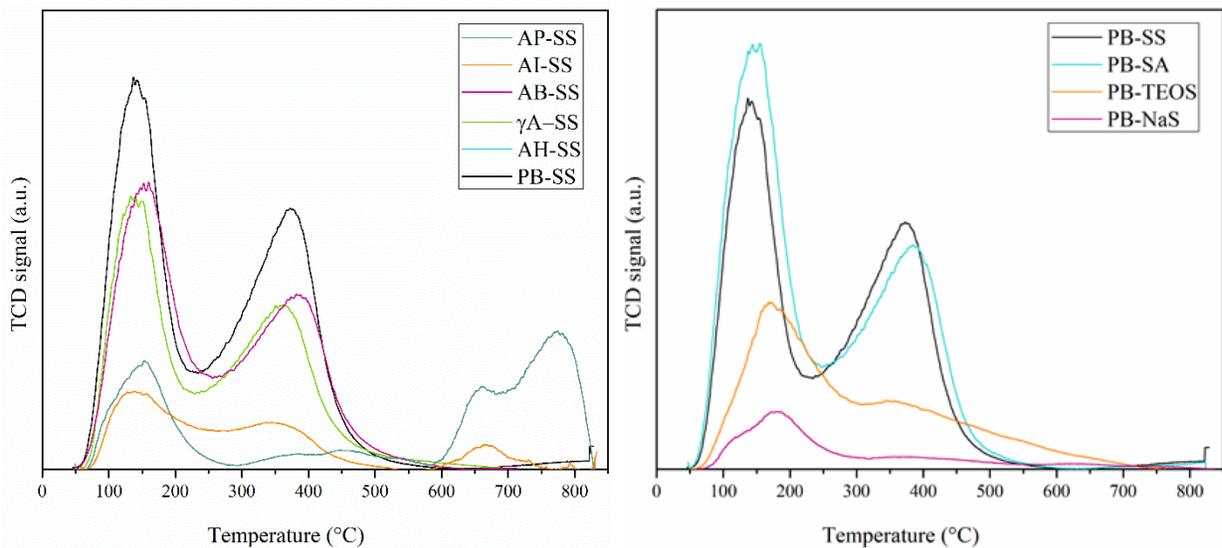


Figure S3. NH₃-TPD curves of the samples synthesized with different alumina sources (left figure) and different silica sources (right figure)

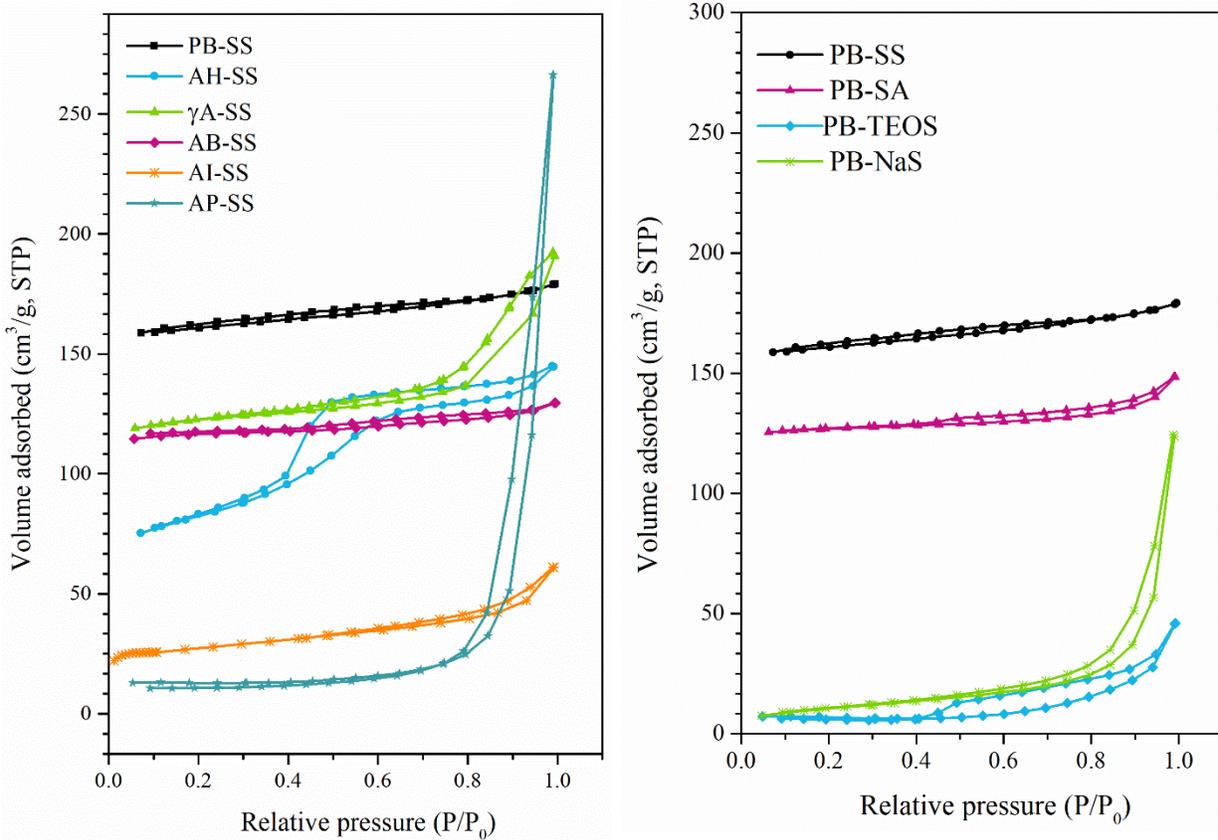


Figure S4. N₂ adsorption–desorption isotherms of the samples synthesized with different alumina sources (left figure) and different silica sources (right figure)