**One-pot Synthesis of Chromium Incorporated SBA-16 under acid medium-Application in the selective oxidation of benzyl alcohol derivatives**

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**Figure S1**: FT-IR spectra of SBA-16, Cr-SBA-16(x) and reused Cr-SBA-16(7) catalysts.

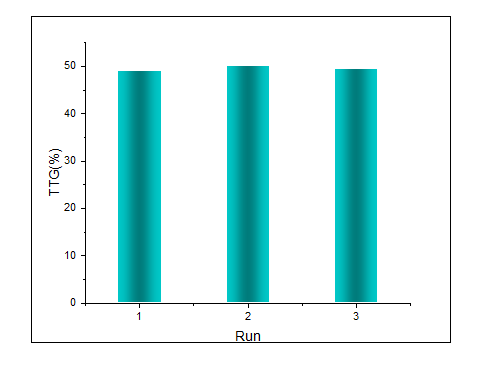


**Figure S2.** TGA plot of SBA-16 and Cr-SBA-16(x) materials.

Chart, scatter chart

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**Figure S3.** Arrhenius plot of benzyl alcohol oxidation over Cr-SBA-16(7).



**Figure S4**: The recyclability tests of Cr-SBA-16 (7) catalyst.

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**Figure S5**: SEM image of the reused Cr-SBA-16 (7) catalyst after 3 runs.