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One-step selective synthesis of 2-chlorobenzonitrile from 2-chlorotoluene via ammoxidation

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For the section: 3. Results and Discussion

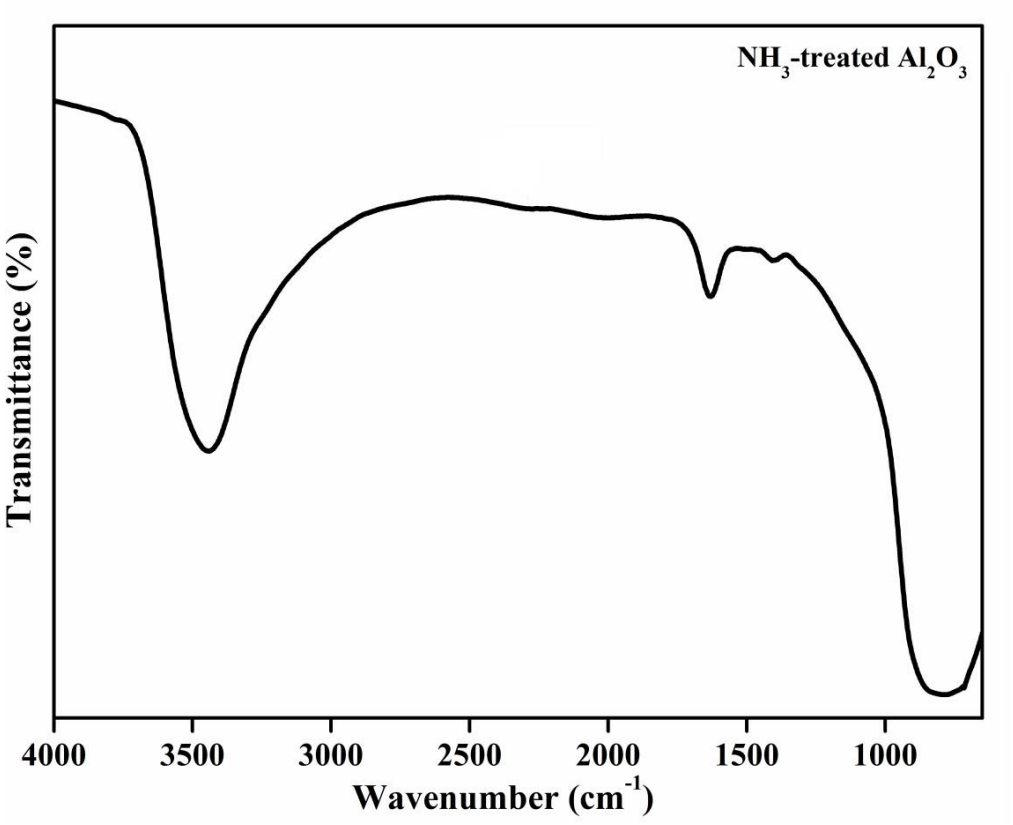

Fig. S1 FT-IR spectra of NH_3-treated Al_2O_3

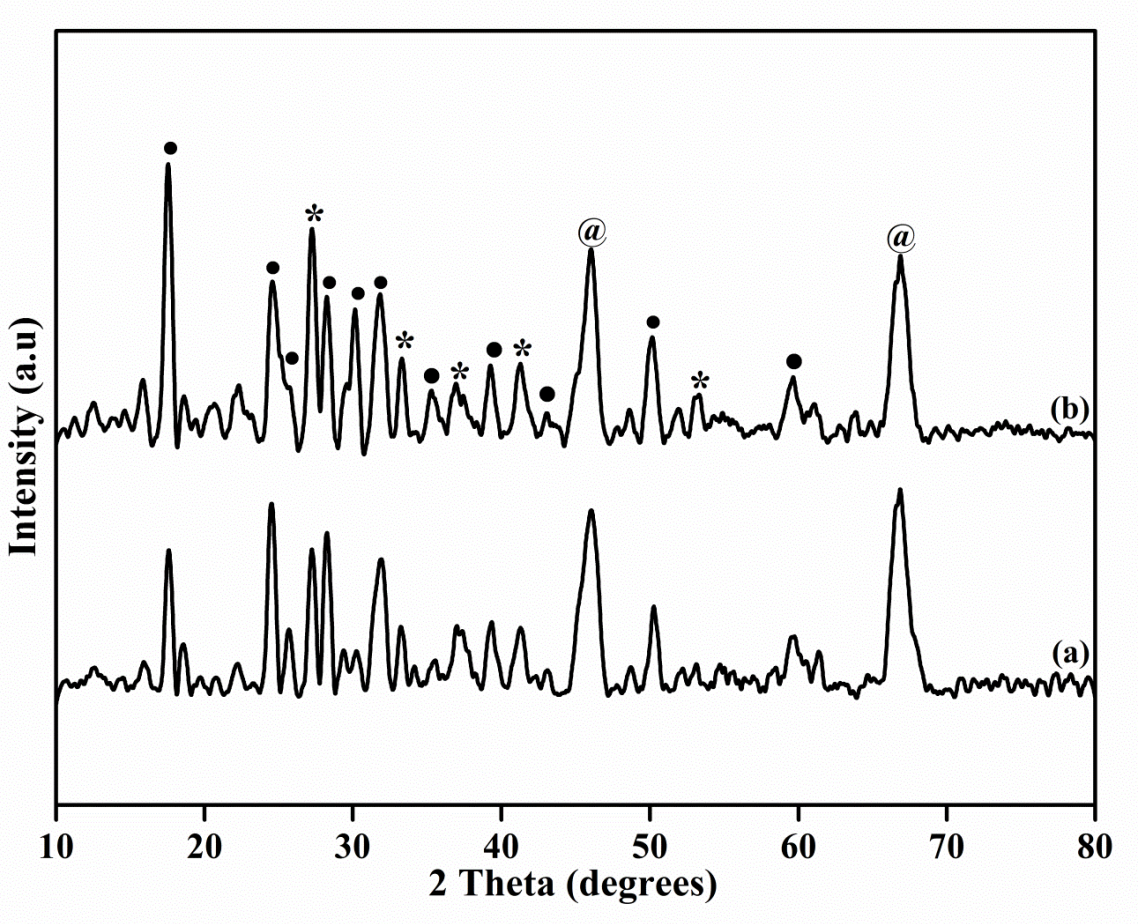

Fig. S2 XRD patterns of V_2O_5/Al_2O_3 catalysts (a) 20 wt% V_2O_5/Al_2O_3, (b) 25 wt% V_2O_5/Al_2O_3; (@) γ-Al_2O_3, (*) V_2O_5, (●) $AlVO_4$.