

Supplementary Material for New Journal of Chemistry
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Supplementary Information

**Catalytic asymmetric heterogeneous aziridination of styrene using
Cu²⁺-exchanged zeolite Y : effect of counter cation**

John Gullick, Darragh Ryan, Paul McMorn, Donald Bethell,

Frank King and Graham Hutchings

Figure S1 Powder X-ray diffraction patterns of the group I containing Cu-exchanged zeolites. (a) Cu-Li/Y; (b) Cu-Na/Y; (c) Cu-K/Y; (d) Cu-Rb/Y; (e) Cu-Cs/Y.

Figure S2 ^{27}Al MAS nmr spectra of the group I containing Cu-exchanged zeolites. (a) Cu-Li/Y; (b) Cu-Na/Y; (c) Cu-K/Y; (d) Cu-Rb/Y; (e) Cu-Cs/Y.

Figure S3 Thermogravimetric analysis of the group I containing Cu-exchanged zeolites. (a) Cu-Li/Y; (b) Cu-Na/Y; (c) Cu-K/Y; (d) Cu-Rb/Y; (e) Cu-Cs/Y.

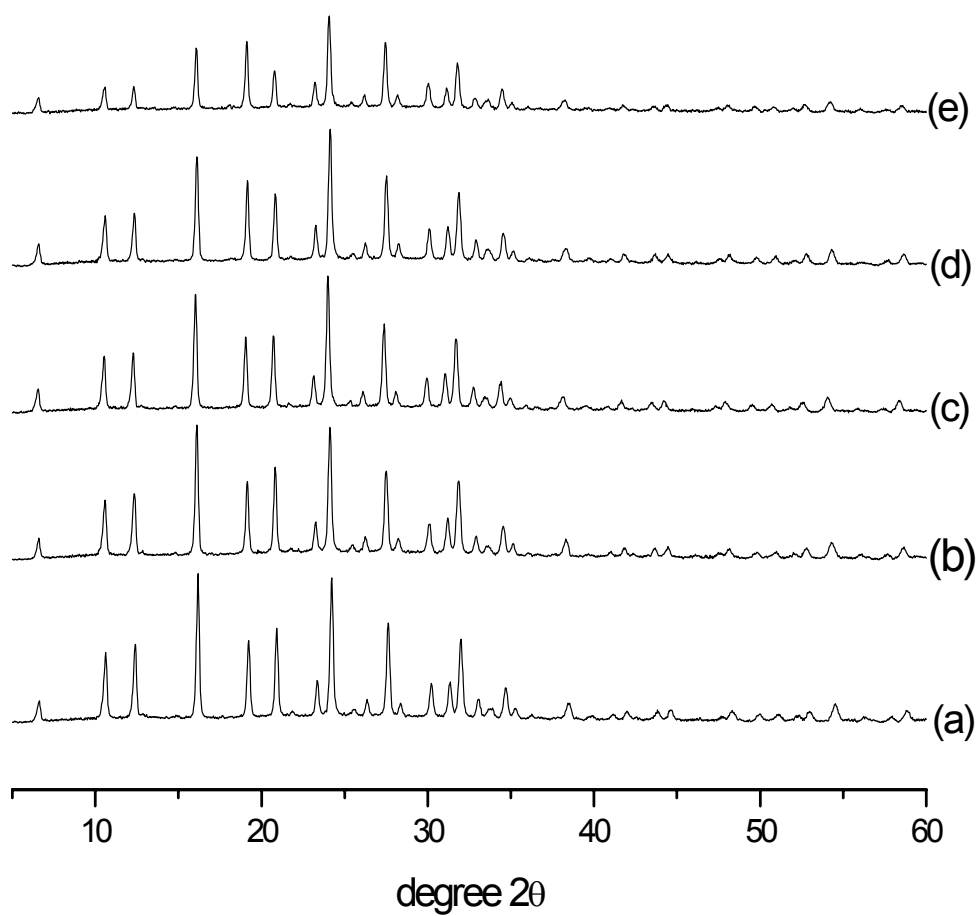


Figure S1: (a) CuLiY, (b) CuNaY, (c) CuKY, (d) CuRbY, (e) CuCsY

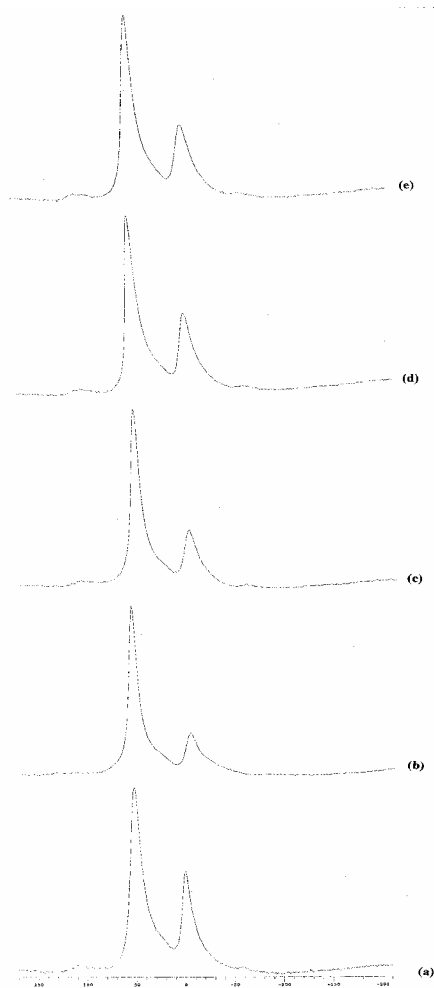
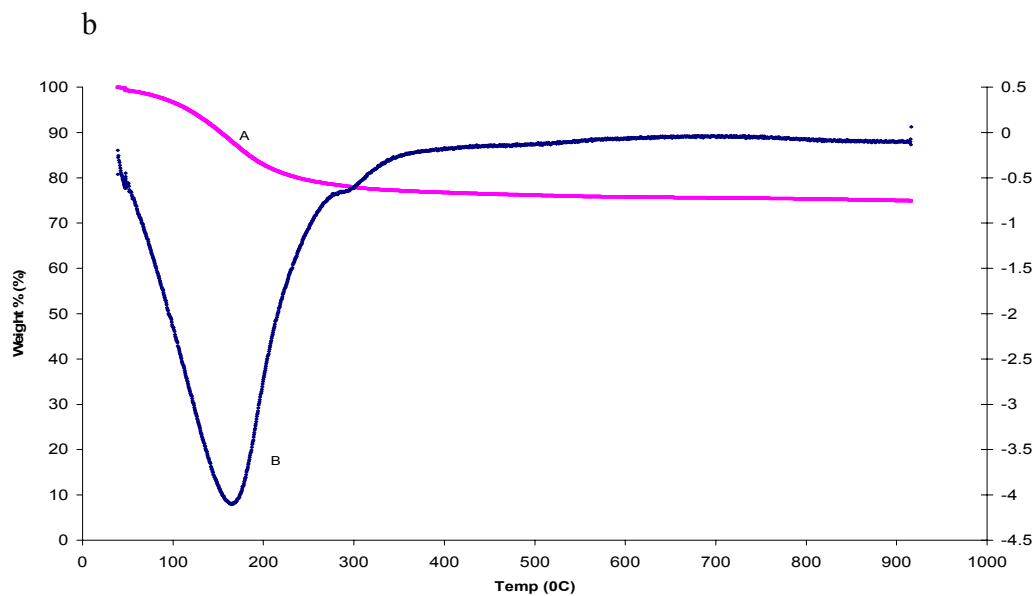
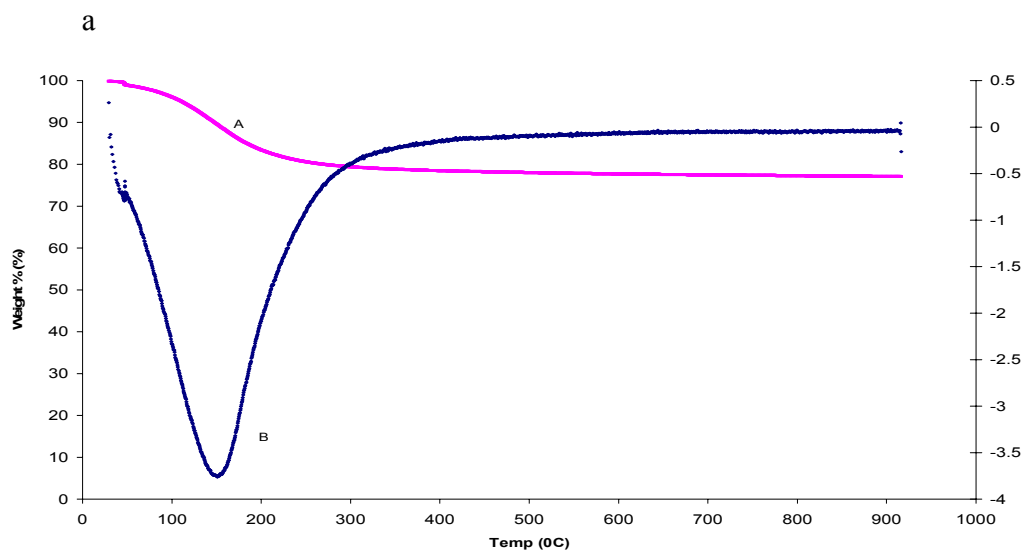
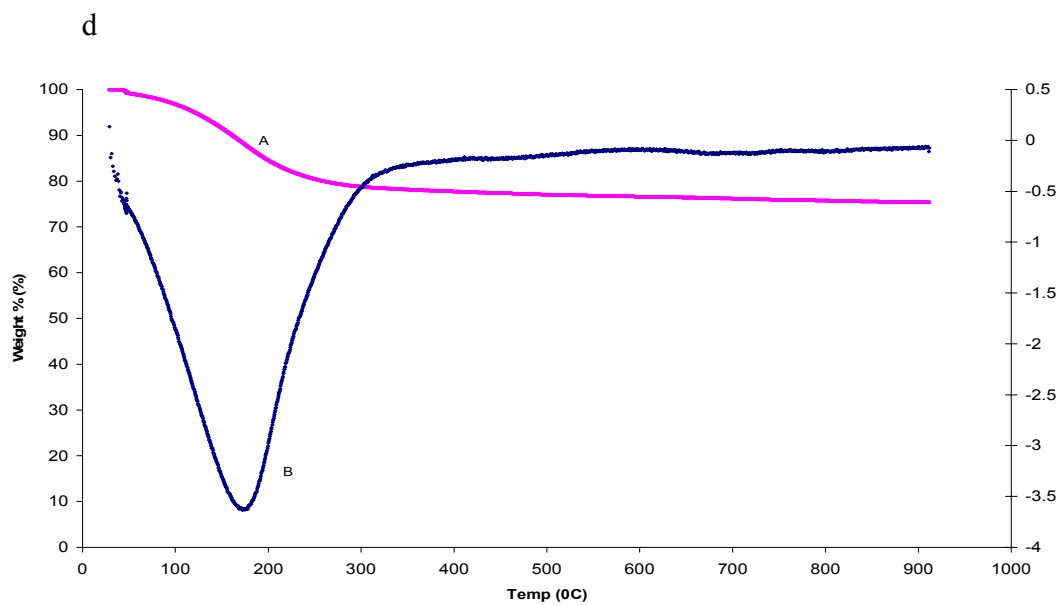
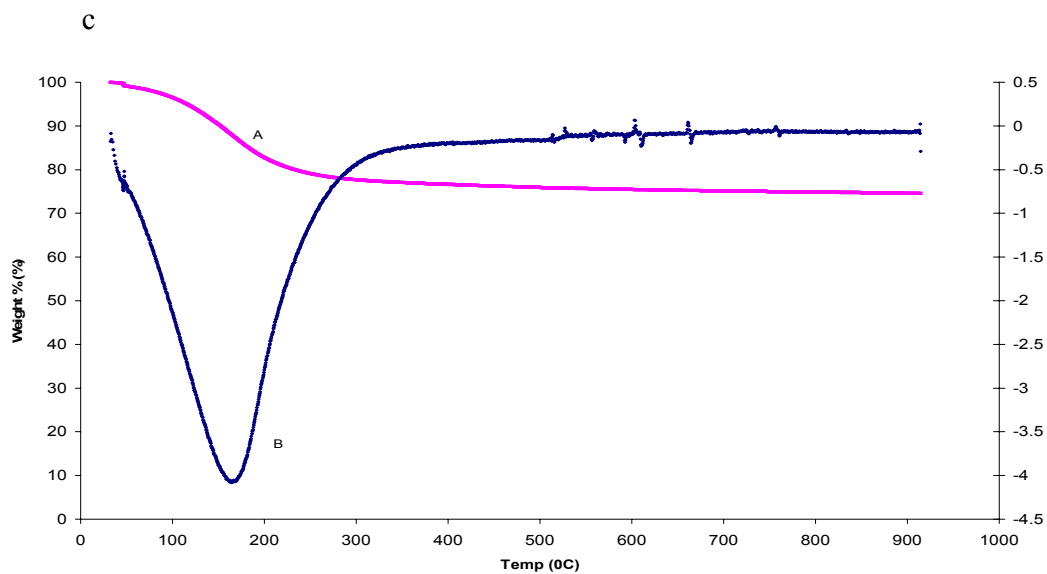
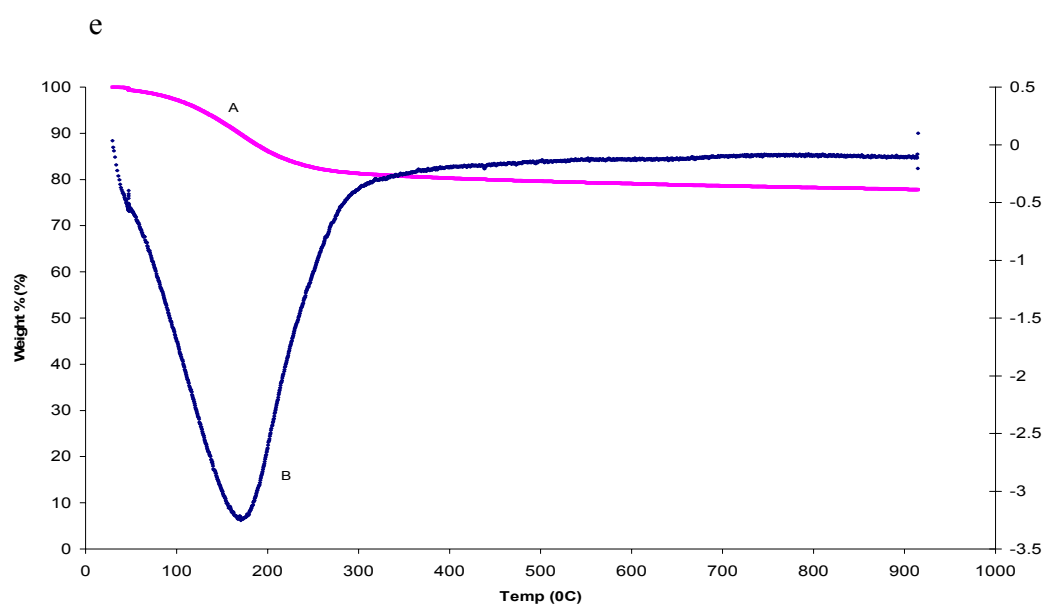


Figure S2: (a) CuLiY, (b) CuNaY, (c) CuKY, (d) CuRbY, (e) CuCsY







Key: A: weight loss, B: derivative of weight loss

Figure S3: (a) CuLiY, (b) CuNaY, (c) CuKY, (d) CuRbY, (e) CuCsY

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