

# Supplementary Information

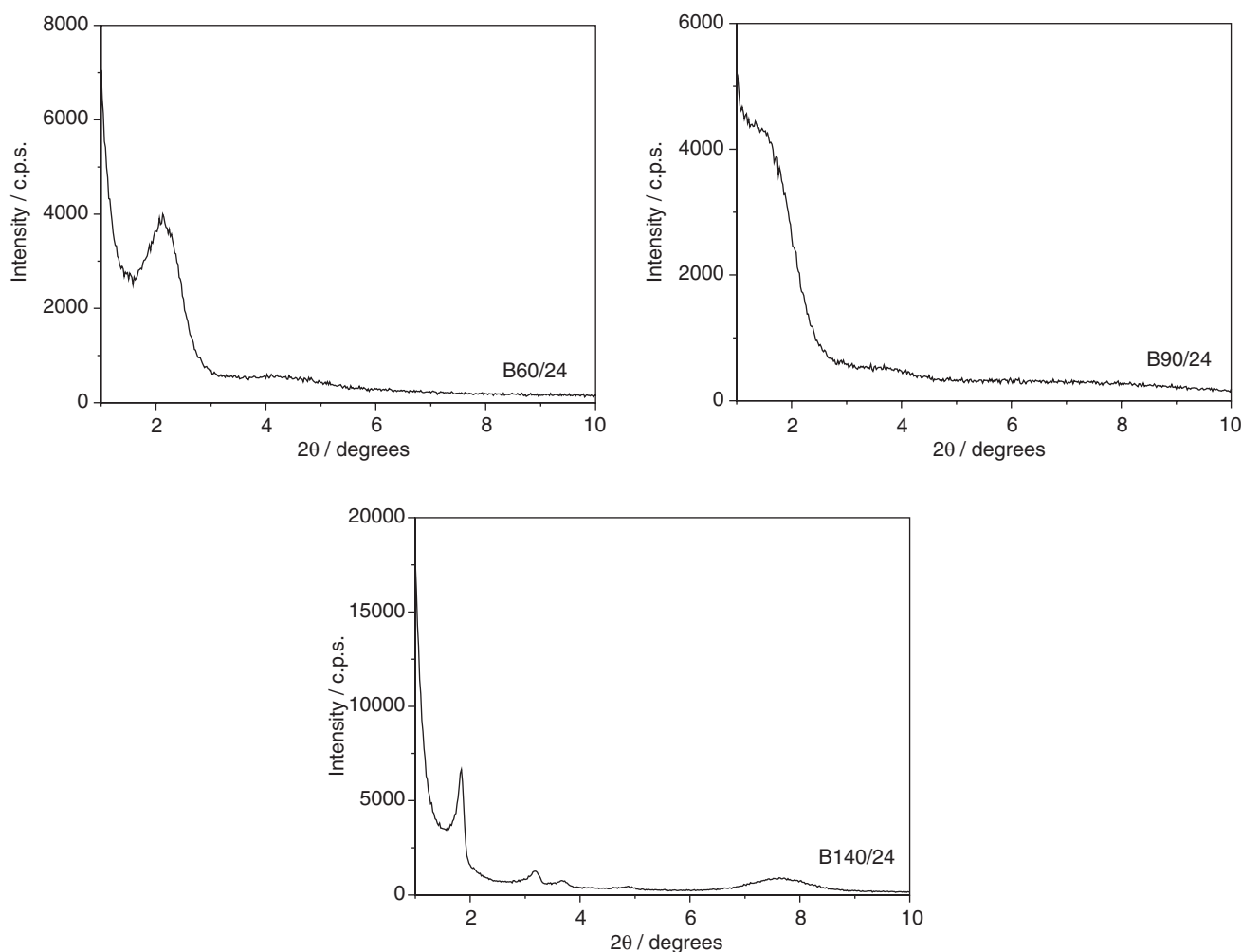
## Influence of Temperature and Time of Seed Aging on the Properties of Beta Zeolite/MCM-41 Materials

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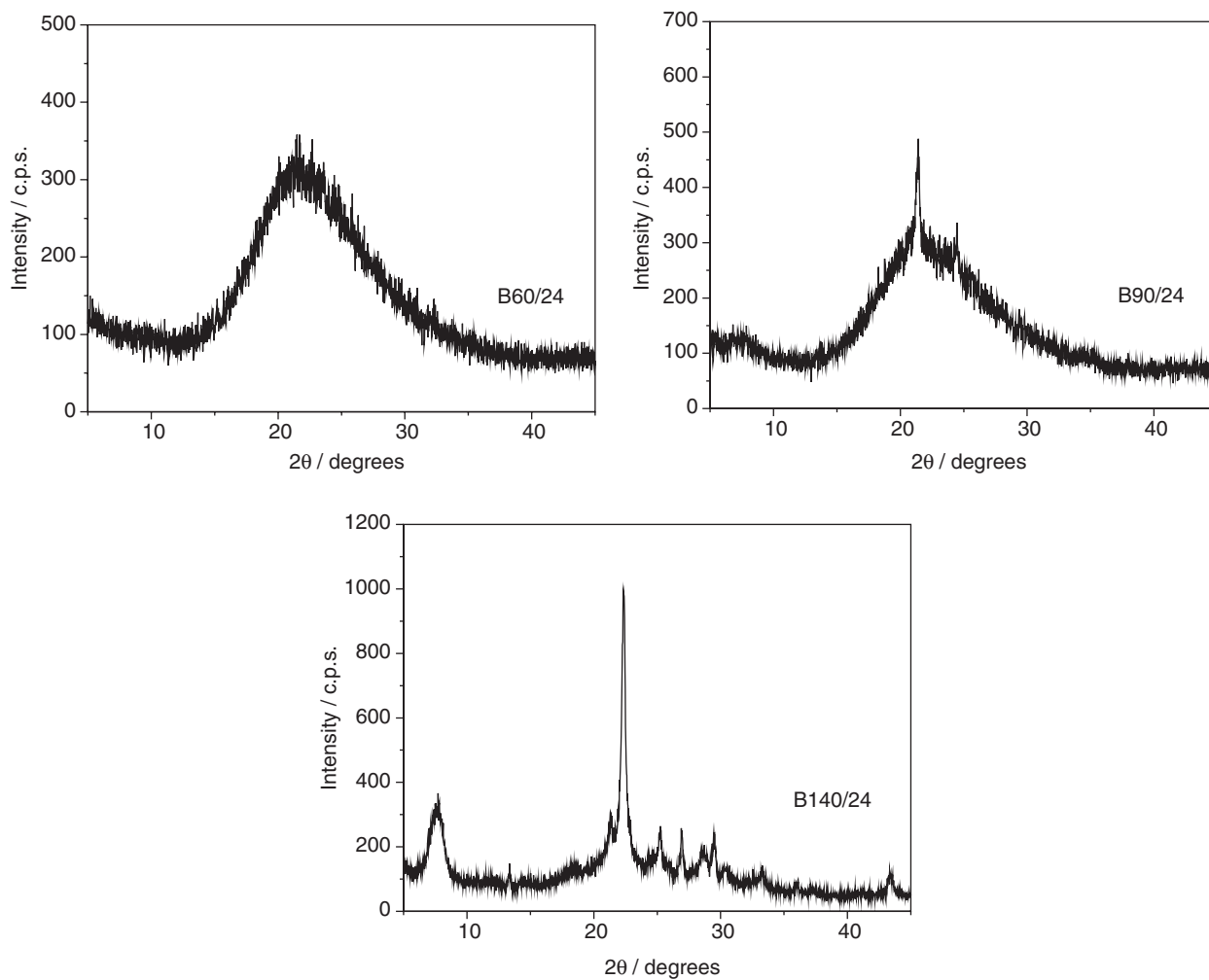
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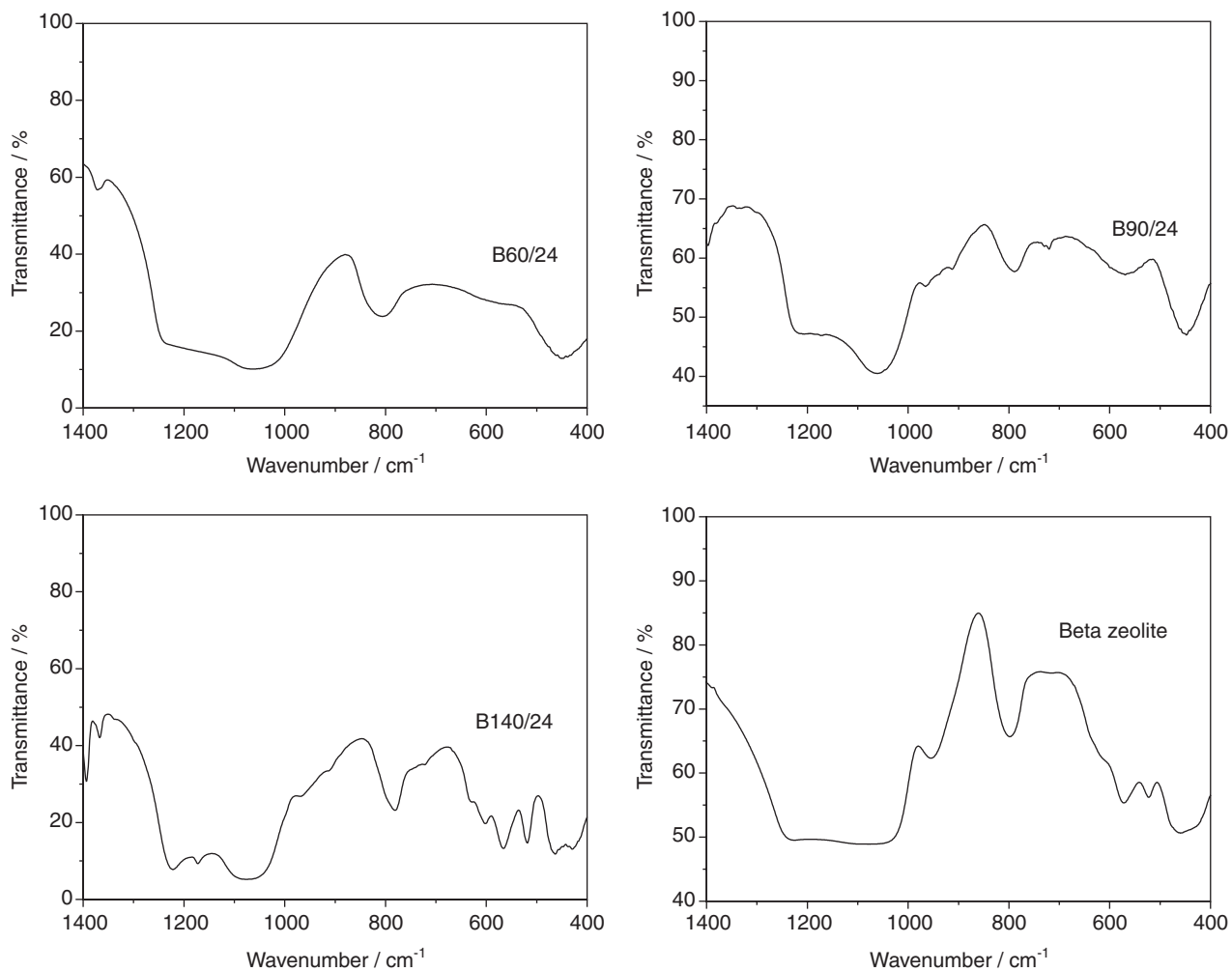


**Figure S1.** X-ray diffractograms of samples obtained by aging the seed gel of beta zeolite at different temperatures (60, 90 and 140 °C) for 24 h, in the region of small angles.

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**Figure S2.** X-ray diffractograms of samples obtained by aging the seed gel of beta zeolite at different temperatures (60, 90 and 140 °C) for 24 h, in the region of high angles.



**Figure S3.** FTIR spectra of samples obtained by aging the seed gel of beta zeolite at different temperatures (60, 90 and 140 °C) for 24 h compared with the conventional beta zeolite obtained at 140 °C for 48 h.