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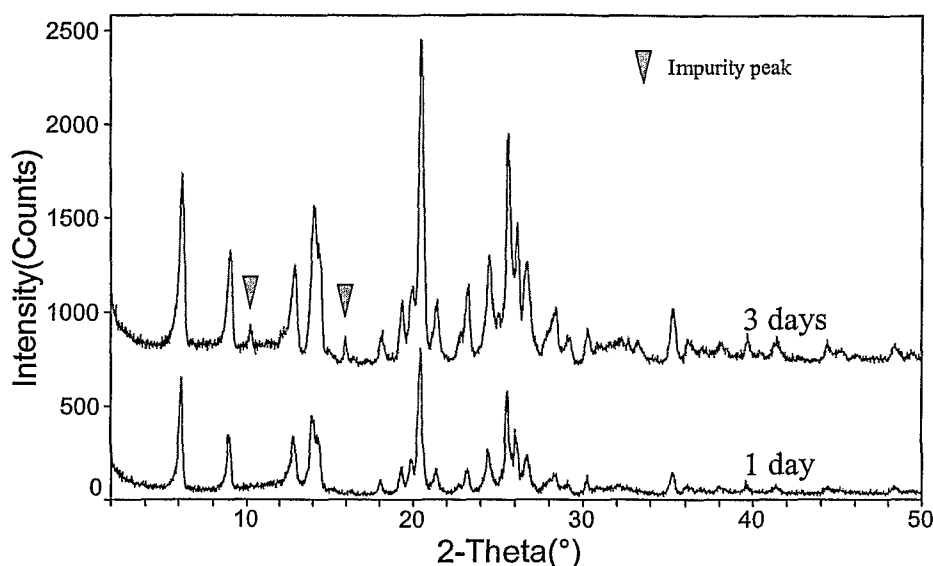
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(54) Title: ALUMINOPHOSPHATE MOLECULAR SIEVE, ITS SYNTHESIS AND USE

XRD's of Example 1 Products



(57) Abstract: A novel small pore (metallo)aluminophosphate molecular sieve is disclosed. The as-synthesized material has an X-ray diffraction pattern including the lines listed in Table 1 and is produced in the presence of fluoride ions and 4-dimethylaminopyridine as structure directing agent. The silicoaluminophosphate material has methanol conversion activity and n-hexane cracking activity.

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