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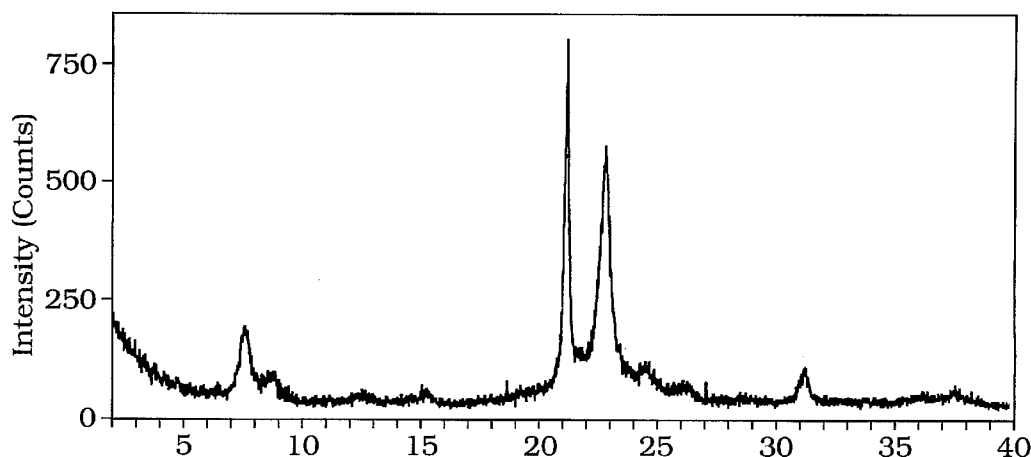
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(54) Title: SYNTHESIS OF ZSM-48 CRYSTALS WITH HETEROSTRUCTURAL, NON ZSM-48, SEEDING

XRD pattern of ZSM-48



(57) Abstract: Pure phase, high activity ZSM-48 crystals having a SiO₂/Al₂O₃ ratio of less than about 150/1, substantially free from ZSM-50 and Kenyaite, and fibrous morphology crystals. The crystals may further have a specific cross morphology. A method for making such crystals using heterostructural, zeolite seeds, other than ZSM-48 and ZSM-50 seeds.

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