

## عنوان مقاله:

Studying the mole ratio effect of Na<sub>2</sub>O /SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub> on 4oA zeolite synthesis and investigating of its structure by XRD

## محل انتشار:

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تعداد صفحات اصل مقاله: 8

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## خلاصه مقاله:

Zeolites, especially zeolite A, have been widely employed as builders in several regions of the world and emerged as the preferred phosphate substitute for powder detergents. The aim of this study is to investigate the proper process parameters of synthesizing 4oA zeolite by hydrogel process (the mole ratio effect of Na<sub>2</sub>O /SiO<sub>2</sub>/Al<sub>2</sub>O<sub>3</sub>) and to characterize the synthesized material by means of XRD analysis, Ca exchange capacity, SEM, IR and atomic absorption spectroscopy.

## کلمات کلیدی:

4oA zeolite, Synthesis, XRD analysis

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/66262>

