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(54) Title: ALUMINA SOURCE FOR NON-ZEOLITIC MOLECULAR SIEVES (57) Abstract This invention provides a method for preparing non-zeolitic molecular sieves using inexpensive reagents and at lower manufacturing cost. The method includes using a low density, small size particulate hydrated alumina, such as aluminum hydroxide, in place of aluminum alkoxides and other more costly reagents. The preferred particulate hydrated alumina has a density of less than 1.0 g/cm ³ , an average particle size of less than about 40 microns and an alkali content of less than 0.12 wt.%.		