[005a] In another aspect, there is provided a molecular sieve having a mole ratio of from 5 to 50 of (1) at least one oxide of at least one tetravalent element to (2) one or more oxides selected from the group consisting of trivalent elements, pentavalent elements, and mixtures thereof, and having, in its calcined form, the X-ray diffraction pattern including the lines of Table 6.

[006] In another embodiment, there is provided a method of preparing a crystalline molecular sieve by contacting under crystallization conditions (1) at least one source of at least one oxide of a tetravalent element; (2) one or more sources of one or more oxides selected from the group consisting of oxides of trivalent elements, pentavalent elements, and mixtures thereof; (3) at least one source of an element selected from Groups 1 and 2 of the Periodic Table; (4) hydroxide ions; and (5) a methylethyldiisopropylammonium cation.

[007] In yet another embodiment, there is provided a process for preparing a crystalline molecular sieve having, in its as-synthesized form, the X-ray diffraction lines of Table 5, by: (a) preparing a reaction mixture containing: (1) at least one source of at least one oxide of a tetravalent element; (2) one or more sources of one or more oxides selected from the group consisting of oxides of trivalent elements, pentavalent elements, and mixtures thereof; (3) at least one source of an element selected from Groups 1 and 2 of the Periodic Table; (4) hydroxide ions; (5) a methylethyldiisopropylammonium cation, and (6) water; and (b) subjecting the reaction mixture to crystallization conditions sufficient to form crystals of the molecular sieve.

[008] The present disclosure also provides SSZ-99 having a composition, as-synthesized and in the anhydrous state, in terms of mole ratios, as follows:

	Broad	Exemplary
TO_2/X_2O_b	5 to 50	5 to 30
Q/TO_2	0.02 to 0.10	0.02 to 0.10
M/TO_2	0.02 to 0.15	0.02 to 0.15

wherein (1) T is selected from the group consisting of tetravalent elements from Groups 4-14 of the Periodic Table, and mixtures thereof; (2) X is selected from the group consisting of trivalent and pentavalent elements from Groups 3-13 of the Periodic Table, and mixtures thereof; (3) stoichiometric variable b equals the valence of compositional variable X (e.g., when X is trivalent, $b = 3$; when X is pentavalent, $b = 5$); (4) Q is a methylethyldiisopropylammonium cation; and (5) M is selected from the group consisting of elements from Groups 1 and 2 of the Periodic Table.

BRIEF DESCRIPTION OF THE DRAWINGS

[009] FIG. 1 is a powder XRD pattern of the as-synthesized molecular sieve prepared in Example 1.