[CLAIMS]
[Claim 1]
A production method of a porous material containing Si and Al, wherein a first Si source composition that is a plant-derived Si source and an Al source are used as at least raw materials, wherein the first Si source composition is a Si source recovered when a treatment for recovering the Si source is carried out after a carbonization treatment of a plant-derived raw material; and wherein the treatment for recovering the Si source is a treatment by alkali extraction that is carried out by adjusting a NaOH/Si theoretical mole ratio at 0.1 to 4.
[Claim 2]
The production method of a porous material according to claim 1, wherein a second Si source composition is further used as a raw material.
[Claim 3]
The production method of a porous material according to claim 1, wherein the first Si source composition may have a silicon content of 10 g/L or more.
[Claim 4]
The production method of a porous material according to claim 1, wherein a Si/Al composition mass ratio of the first Si source composition is 1 to 300.
[Claim 5]
The production method of a porous material according to claim 2, wherein the second Si source is a mineral-derived Si source and/or a plant-derived Si source.
[Claim 6]
The production method of a porous material according to claim 2, wherein the second Si source composition is a treatment product obtained by a decarburization treatment of a plant-derived raw material.
[Claim 7]
The production method of a porous material according to claim 2, wherein the second Si source composition is plant-derived ash.
[Claim 8]
The production method of a porous material according to claim 2, wherein the second Si source composition is a Si source recovered when a treatment for recovering the Si source is carried out after a carbonization treatment of a plant-derived raw material.
[Claim 9]
The production method of a porous material according to claim 1, wherein an organic structure-directing agent is further used as a raw material.
[Claim 10]
The production method of a porous material according to claim 1, wherein a heating treatment of a mixture of the first Si source composition that is a plant-derived Si source and the Al source is carried out.
[Claim 11]
The production method of a porous material according to claim 10, wherein the mixture further contains a second Si source composition.
[Claim 12]
The production method of a porous material according to claim 10, wherein the heating treatment is hydrothermal synthesis.
[Claim 13]

The production method of a porous material according to claim 10, wherein the heating treatment is carried out in order of aging and then hydrothermal synthesis.

[Claim 14]

The production method of a porous material according to claim 1, wherein the first Si source composition is an aqueous solution recovered by removing silica from a plant-derived raw material containing the silica.

[Claim 15]

The production method of a porous material according to claim 1, wherein the porous material is a zeolite.

[Claim 16]

The production method of a porous material according to claim 1, wherein the plant is a gramineous plant.

[Claim 17]

A Si source composition for producing a porous material comprising:

a Si source recovered when a treatment for recovering the Si source is carried out after a carbonization treatment of a plant-derived raw material; and wherein the treatment for recovering the Si source is a treatment by alkali extraction that is carried out by adjusting a NaOH/Si theoretical mole ratio at a range of 0.1 to 4.