[0050]

(3) Type of extraction column ~~2~~ 10 and operation conditions

Type: packed column

Bed height: equivalent to 5 theoretical plates

Operating pressure: 0.10 MPa(G)

[0051]

(4) Solvent fed to extraction column 10

Material: liquid fed through distillation pipe 9

Feed position: channel at the bottom of the extraction column

Feed rate: 15 g/h

Feed temperature: 40°C

[0052]

(5) Extraction solvent fed to extraction column 10

Material: water

Feed position: channel at the top of the extraction column

Feed rate: 70 g/h

Feed temperature: 40°C

[0053]

Example 2

A distillation operation and an extraction operation were performed in the same manner as those in Example 1, except that the overhead extract c extracted through the solvent phase drawing pipe 13 was mixed into the solvent a, and fed to the distillation column 1 through the raw material solvent feed pipe 7. In this case, since trimethylsilanol included in the overhead extract c extracted through the solvent phase drawing pipe 13 is mixed into the solvent fraction a, the concentration of trimethylsilanol fed to the distillation column 1 increases for a while after the start of purification. However, when the mass flow rate of trimethylsilanol included in the solvent fraction a (raw material solvent) has become equal to the mass flow rate of trimethylsilanol in the extraction solvent phase drawing pipe 12, the

Operating pressure: 0.12 MPa(G)

Reflux ratio: 0.41

[0060]

(2) Solvent d fed to distillation column 15

Material: solvent fraction d having the composition shown in Table ~~1~~ 2

Feed position: position corresponding to about 1/3rd of the distance from the top of the column to the bed height

Feed rate: 7,500 g/h

Feed temperature: 30°C

[0061]

(3) Type of distillation column 25 and operation conditions

Type: packed column

Bed height: equivalent to 45 theoretical plates

Operating pressure: 0.12 MPa(G)

Reflux ratio: 20

[0062]

(4) Solvent fed to distillation column 25

Material: liquid fed from distillation column 15

Feed position: position corresponding to about 1/4th of the distance from the top of the column to the bed height

Feed rate: 100 g/h

Feed temperature: 40°C

[0063]

(5) Type of extraction column 35 and operation conditions

Type: packed column

Bed height: equivalent to 3 theoretical plates

Operating pressure: 0.10 MPa(G)

[0064]