CLAIMS

1. A method for stabilizing a high-purity ethylene carbonate-containing composition,

wherein the method comprises

a step of adjustment of content of the total of formic acid and a formic acid salt, and/or of content of 2-chloroethanol to 500 ppm by mass or less in the high-purity ethylene carbonate-containing composition comprising 90% by mass or more ethylene carbonate,

wherein the step of adjustment comprises

a step of measuring the content of the total of formic acid and the formic acid salt, or the content of 2-chloroethanol in the high-purity ethylene carbonate-containing composition, and

a step of selecting the high-purity ethylene carbonate-containing composition having the content of 500 ppm by mass or less.

2. The method for stabilizing a high-purity ethylene carbonate-containing composition according to claim 1,

wherein the method further comprises

a step of adjustment of content of iron oxide to less than 100 ppm by mass in the high-purity ethylene carbonate-containing composition.

3. The method for stabilizing a high-purity ethylene carbonate-containing composition according to claim 1 or 2,

wherein the content of the ethylene carbonate in the high-purity ethylene carbonate-containing composition is 99.90% by mass or more.

4. A method for producing a high-purity ethylene

carbonate-containing composition comprising 90% by mass or more ethylene carbonate,

wherein the method comprises the following steps:

(1) a reaction step of providing an ethylene carbonate-containing composition by reacting ethylene oxide with carbon dioxide;

(2) a step of measuring content of the total of formic acid and a formic acid salt, or content of 2-chloroethanol in the ethylene carbonate-containing composition; and

(3) a step of selecting the high-purity ethylene carbonate-containing composition having the content of the total of formic acid and the formic acid salt or the content of 2-chloroethanol, of 500 ppm by mass or less.