

ABSTRACT

METHOD FOR PRODUCING ACETIC ACID

Provided is a method for producing acetic acid that is capable of greatly improving the life of a silver-substituted ion exchange resin (IER) for removing organic iodine compounds in acetic acid.

With the method for producing acetic acid according to the present invention, in a carbonylation process of a methanol method, a nickel base alloy or zirconium is used as a material of a distillation column in a dehydration step, and as metal ion concentrations in a charging mixture of the distillation column in the dehydration step, an iron ion concentration is less than 10,000 ppb by mass, a chromium ion concentration is less than 5,000 ppb by mass, a nickel ion concentration is less than 3,000 ppb by mass, and a molybdenum ion concentration is less than 2,000 ppb by mass.

[Figure 1]