

ABSTRACT

METHOD FOR PRODUCING ACETIC ACID

It is intended to provide a method capable of lowering a formic acid concentration in product acetic acid by a simple approach. The method for producing acetic acid according to the present invention comprises at least one step selected from a step that satisfies the following operating conditions (i) and a step that satisfies the following operating conditions (ii) in an acetic acid production process: (i) operating conditions involving a hydrogen partial pressure of less than 500 kPa (absolute pressure), a carbon dioxide partial pressure of less than 70 kPa (absolute pressure), and an operating temperature of more than 175°C; and (ii) operating conditions involving a hydrogen partial pressure of not more than 5 kPa (absolute pressure), a carbon dioxide partial pressure of less than 20 kPa (absolute pressure), and an operating temperature of more than 100°C.

[Figure 1]