

METHOD FOR PURIFYING METHACRYLIC ACID

ABSTRACT

Provided is a crystallization method by which a highly-pure methacrylic acid crystal can be produced with high productivity. The method for purifying methacrylic acid according to the present invention involves using crude methacrylic acid having a maleic acid concentration of 2000 ppm by mass or less and an acrylic acid concentration of 2000 ppm by mass or less and setting the slurry temperature to -10 to 10°C in order to crystallize methacrylic acid. A suspension-type jacket-cooling-system crystallization vessel is used as the crystallization apparatus, and the absolute value of the difference between the crystallization temperature and the temperature of a hot medium in the jacket is preferably 15°C or less.

Fig. 2