

ABSTRACT OF THE DISCLOSURE

METHOD OF PRODUCING CATALYST USED IN THE PRODUCTION OF
METHACRYLIC ACID AND METHOD OF PRODUCING METHACRYLIC ACID

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A method of producing a catalyst used in the production of methacrylic acid containing a heteropolyacid compound containing phosphorus and molybdenum, the method including: a first calcination step in which a catalyst precursor is subjected to calcination at 360 to 410°C in an atmosphere of a gas containing a water component of 0.1vol% to less than 2.0vol%; a second calcination step in which a calcined product obtained in the first calcination step is subjected to calcination at 420 to 500°C in an atmosphere of a non-oxidizing gas; and a cooling step in which a calcined product obtained in the second calcination step is cooled down to 280°C or lower in an atmosphere of a non-oxidizing gas.

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