

METHOD FOR PRODUCING CATALYST FOR PREPARATION OF
METHACRYLIC ACID AND METHOD FOR PREPARING METHACRYLIC
ACID

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ABSTRACT

A method for producing a catalyst for the preparation of methacrylic acid comprising a heteropolyacid compound containing phosphorus, molybdenum and an element X selected from the group consisting of potassium, rubidium, cesium and thallium and having an atomic ratio of the element X to molybdenum of 0.5 : 12 to 2 : 12, which method comprises the steps of mixing aqueous slurry A containing starting compounds of the heteropolyacid compound in which an atomic ratio of the element X to molybdenum is from 2 : 12 to 4 : 12, and aqueous slurry B containing starting compounds of the heteropolyacid compound in which an atomic ratio of the element X to molybdenum is from 0 : 12 to 0.5 : 12 to form a slurry mixture; heat-treating the slurry mixture at a temperature of 100°C or higher; drying the slurry mixture; and calcining the dried mixture.