

Microcrystalline cellulose 분쇄생성물의 입도 변화

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The effects of the operation variables of planetary mill on the particle size of ground microcrystalline cellulose were investigated with regression analysis. It was found that the regression equation of second polynomials among the particle size of ground microcrystalline cellulose and milling operation variables, which were the weight of sample, the revolution number of mill and grinding time, was valid with coefficient of determinant of 0.99. As the weight of sample and grinding time increased, the particle size of ground microcrystalline cellulose decreased. It was minimum at the revolution number of mill of 259rpm.