

Nanopowders of aluminum oxide and zirconium from solutions of their salts by spray drying

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Abstract

In this paper it was shown that the use of nano spray dryer (*Nano Spray Dryer B-90*) to produce powders Al₂O₃ and ZrO₂. It has been established that that spray drying produces granules of aluminum oxide and zirconium in size from 0.5 to 5 mkm, consisting of nanoparticles of 100 nm or less.