

A101 LPSC

Evaluation and Data Analysis of sol-gel method with acids to determine most effective sol-gel method

Abstract

Constructing particles using sol-gel methodology is a cheap and effective method for creating quality Triuranium Oxide particles. To some degree acids can increase synthesis of particles by causing an increase catalytic reaction. This paper presents important details comparing acids as catalyst for particle synthesis versus time manipulation to determine if an acid catalyst is necessary for the synthesis of tri-uranium oxide.