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Influence of pH on morphology, size and polymorph of room temperature synthesized calcium carbonate particles

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#### Çağatay M. Oral, Batur Ercan

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### **ACCEPTED MANUSCRIPT**

Influence of pH on Morphology, Size and

Polymorph of Room Temperature Synthesized

## Calcium Carbonate Particles

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#### **ABSTRACT**

Calcium carbonate (CaCO<sub>3</sub>) particles have been used in various applications, including medicine, drug delivery and orthopedics. Having three different polymorphs and exhibiting complex crystallization behavior, it is a challenging task to systematically control physical

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