

## Technical Datasheet

### Calcium Carbonate Nanoparticles

- Full product name: Calcium Carbonate Nanoparticles
- Product ID: CACO
- Chemical Formula:  $\text{CaCO}_3$
- CAS Number: 1317-65-3
- Type: Powder

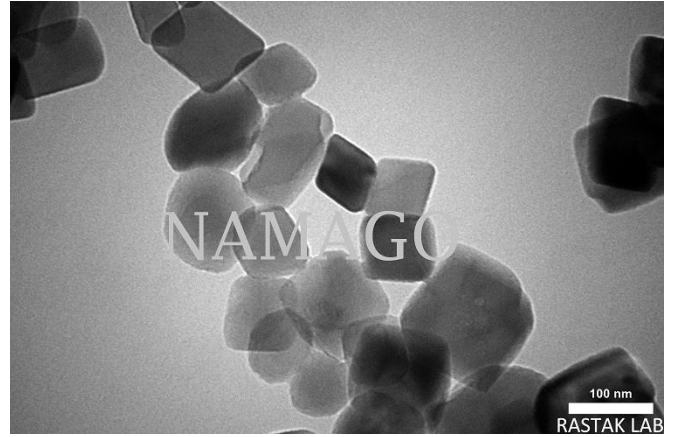
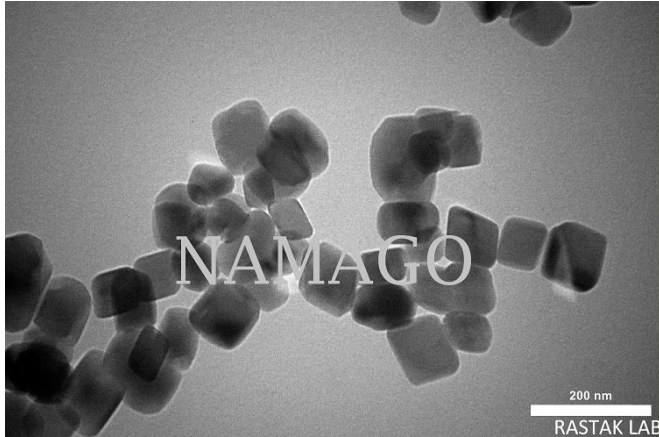
#### Physical properties

Density	2.7 g/cm <sup>3</sup>
Appearance color	White
APS (TEM)	70-90 nm
Purity (XRF)	98-99%
Molar mass	100g/mol
Crystalline phase	Calcite

#### Applications

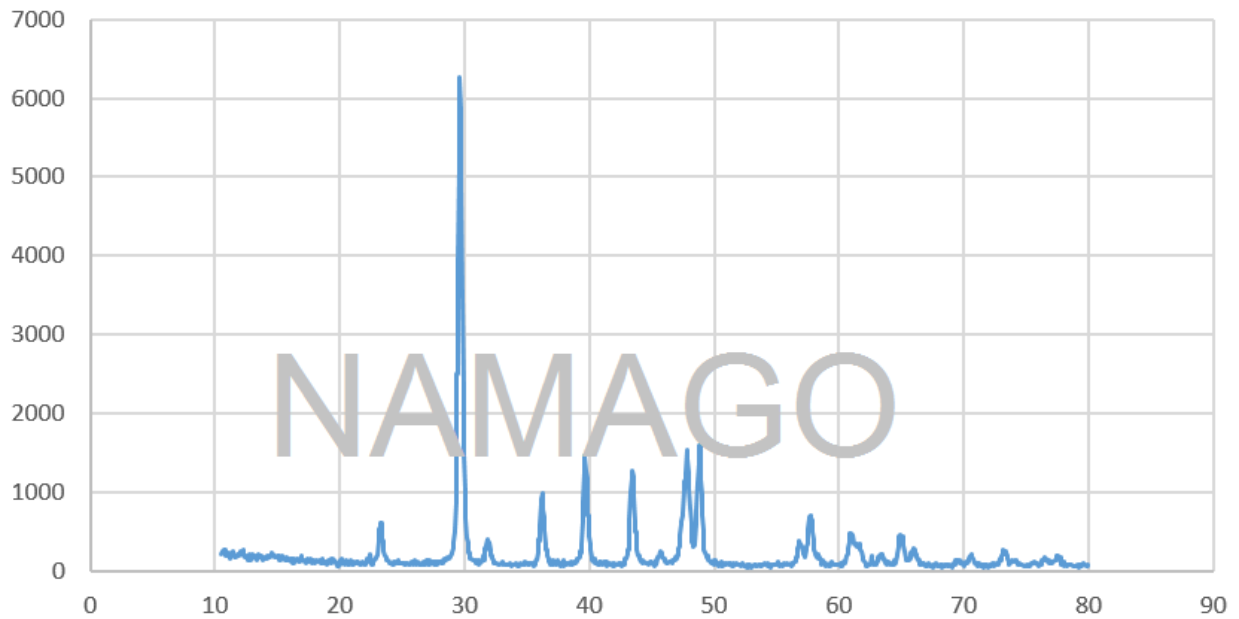
Polymers
Stone Paper
Tires and Rubber
paint
Drug
Pharmaceutical

## TEM Analysis



## XRD Analysis

CaCO<sub>3</sub> XRD





## FESEM Analysis

