

## Synthesis steps

## Controlling factors

Precursor(s)

- ❖ Chemical identity
- ❖ Physical features

Mixing

- ❖ Type of salts
- ❖ Amount of salts
- ❖ Mixing methods

MSS

- ❖ Temperature
- ❖ Duration
- ❖ Ramp Rate
- ❖ Atmosphere

Washing

- ❖ Choice of solvent
- ❖ Quantity of solvent
- ❖ Repetitions

Drying

- ❖ Drying methods