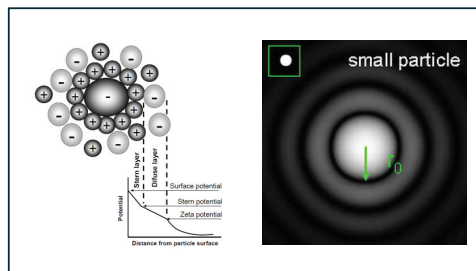
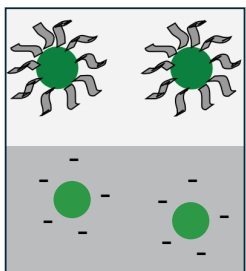


Nanoparticles

Hovione approach

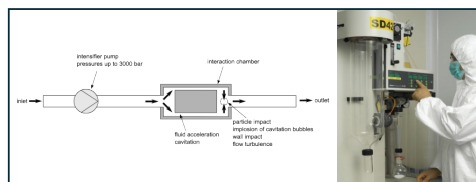
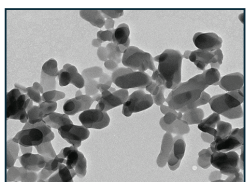


1 Screening

2 Lab scale prototype manufacture

3 Stability

4 Scale up



- Surfactants, Polymers
- Anti-solvents

- Process parameters
- Chemical and Physical Stability

- Nanosuspension stability
- Redispersion of dried suspension

- Hovione Scale up methodology
- SD atomization and Thermodynamic models