



Applications

Precipitation

Rapid precipitate analysis for maximizing precipitation yield and minimizing product losses

Particle Size
Distribution

Nucleation
Control

Particle
Morphology

Particle
Concentration

Process-Relevant Insights

Precipitation efficiency depends on particle growth, morphology, & concentration. Our analysis helps maximize yield & ease downstream processing.

- + Monitor nucleation & growth to guide optimization
- + Control particle size for efficient filtration and drying
- + Assess morphology to improve purity and filterability
- + Quantify solids concentration to optimize yield

What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer reveals particle size, shape, and concentration during precipitation. You'll can clearly monitor how particles nucleate and grow. This enables you to easily adjust process conditions for higher yield, better purity, and easier filtration.

What You Gain

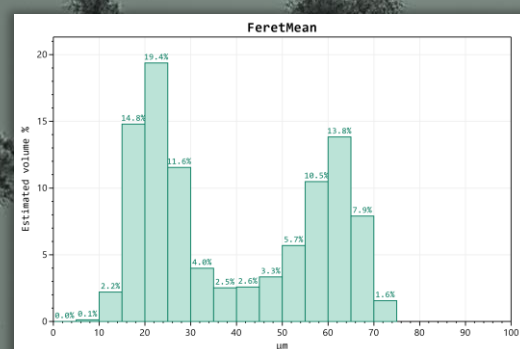
- ✓ Increased product yield through growth control
- ✓ Improved filtration & downstream processing
- ✓ Higher product purity with morphology control
- ✓ Faster optimization of precipitation conditions

Read more at

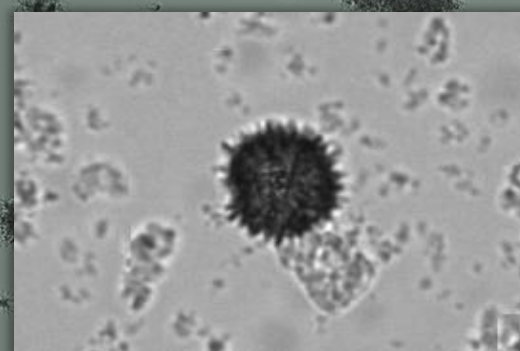
particletech.dk/particletechanalyzer

U.S. Patent No. 12,281,973

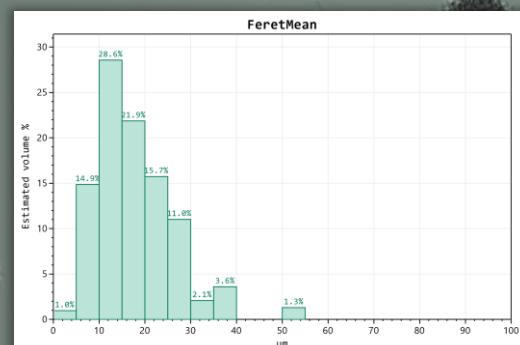
U.S. Patent No. 12,591,962



Precipitate Size Distribution



Impurities vs. Precipitate



Impurity Size Distribution