PARTICLE TECH

Applications

Emulsification

Fast particle analysis to optimize droplet size, stability, and emulsion performance

Droplet Size Distribution	Droplet Concentration	Coalescence & Stability	Detect Impurities

Process-Relevant Insights

Emulsion quality depends on controlling droplet size, concentration, and stability. Our analysis helps you fine-tune the process for optimal performance.

+ Monitor droplet size for texture and stability
+ Detect size variation that impacts shelf life
+ Quantify concentration of the dispersed phase
+ Identify coalescence early to prevent instability

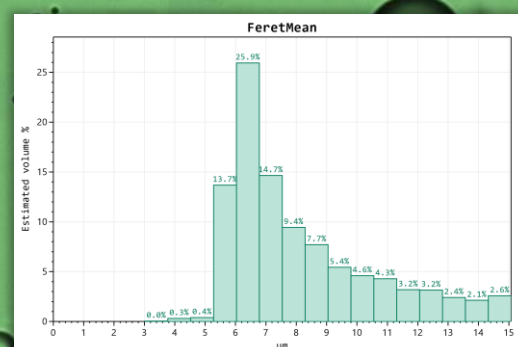## What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer can reveal size, uniformity, and concentration. A timelapse analysis furthermore allow for detecting early signs of coalescence and instability. These insights can help you control the emulsification process and ensure consistent product quality.
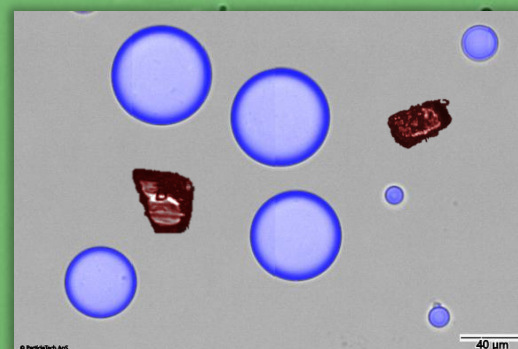
What You Gain

✓ Consistent droplet size for stable emulsions
✓ Improved shelf life and product texture
✓ Early detection of coalescence and defects
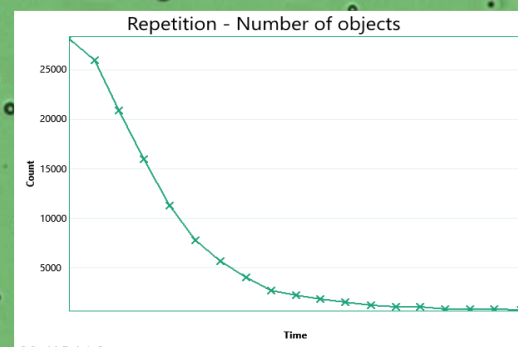✓ Faster process optimization and quality control

Read more at

particletech.dk/particletechanalyzer

Droplet Size Distribution

Detect Impurities

Stability Testing