



## Applications

# Spray Drying

Quantify particle size & morphology  
to optimize flow, filling, and dissolution

### Particle Size & Shape

### Particle Morphology

### Agglomeration Control

### Drying Behavior Insights

## Process-Relevant Insights

Particle size & structure reveals how well your spray drying process is operating and why the powder performance may vary.

- + Ensure particle size and shape consistency
- + Detect morphology changes due to process drift
- + Quantify agglomerates vs. single particles
- + Identify density variations due to hollow particles

## What You See - And What It Means

In just 2 minutes, ParticleTech Analyzer reveals not only particle size, but also shape, structure, and surface details. Spot hollow particles, dents, and agglomerates and link them directly to spray drying performance and final powder quality

## What You Gain

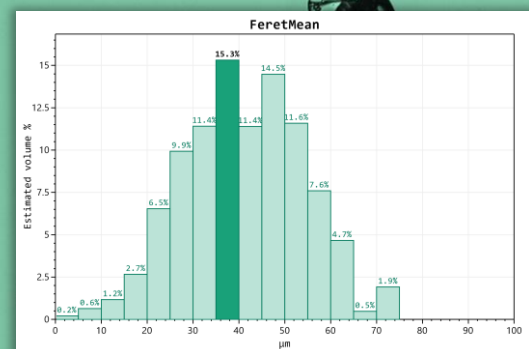
- ✓ Fast, reliable particle size analysis in 2 minutes
- ✓ Detect drying issues before they impact quality
- ✓ Optimize powder flow, solubility, and filling
- ✓ Easy to use by both production and QC teams

## Read more at

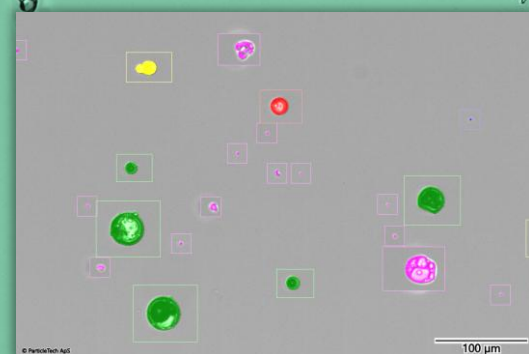
[particletech.dk/spraydrying](https://particletech.dk/spraydrying)

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

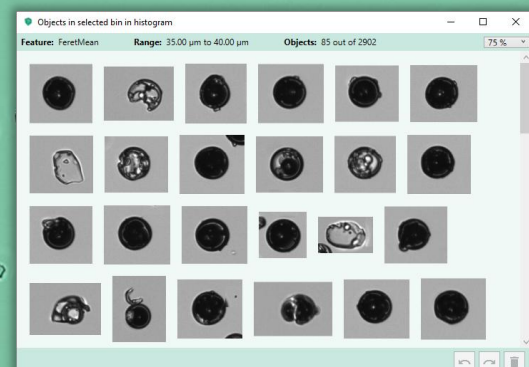
U.S. Patent No. 12,591,962



Powder Size Distribution



Morphology Distinction



Interactive Results