



## Applications

# Wet & Dry Blending

Quantify particle properties to optimize blend uniformity, flowability, & final product performance

### Particle Size Distribution

### Blend Homogeneity

### Agglomerate Detection

### Particle Morphology

## Process-Relevant Insights

Blending success depends on particle compatibility, size, and morphology. Our analysis helps verifying that every batch fulfill homogeneity requirements.

- + Quantify size & shape differences between ingredients
- + Detect agglomerates that reduce homogeneity
- + Monitor blend consistency throughout production
- + Predict flowability & packing behavior by morphology

## What You See - And What It Means

In just 2 minutes, the ParticleTech Analyzer reveal particle size, shape, and distribution of components in dry and wet blends. It helps detect agglomerates, uneven dispersion, and morphology differences. This gives you the insights needed to maximize the blending efficiency and product consistency.

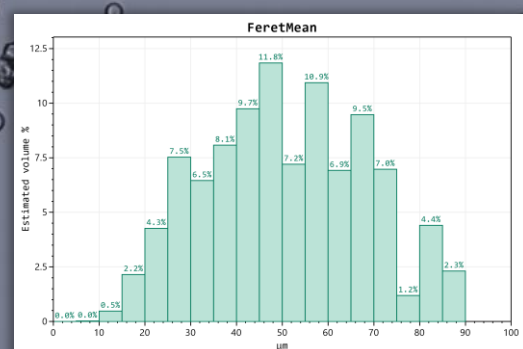
## What You Gain

- ✓ Improved blend uniformity and consistency
- ✓ Better control of flow and packing behavior
- ✓ Reduced risk of segregation and rework
- ✓ Minimize blending time

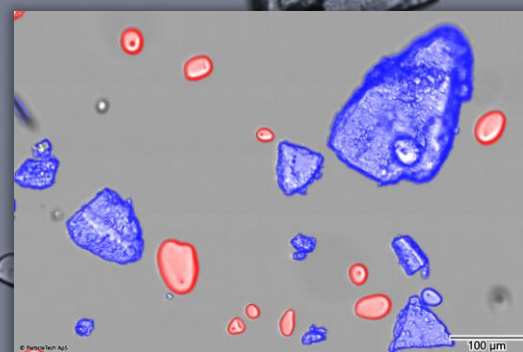
## Read more at

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

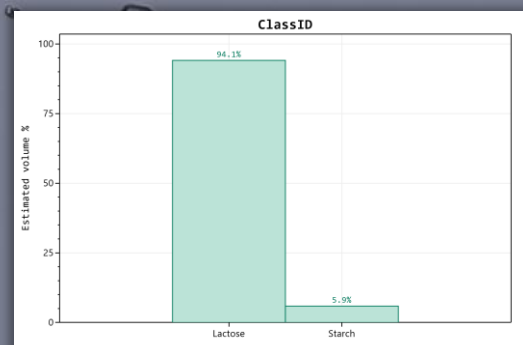
U.S. Patent No. 12,281,973



Ingredient Specific Sizes



Distinguish Ingredient Types



Composition Analysis