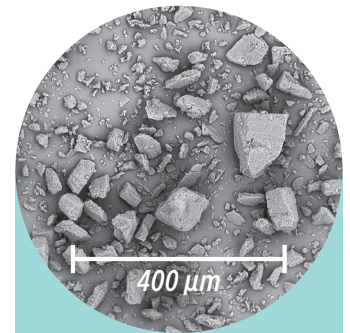


New from MEGGLE: InhaLac® 145 – new milled grade filling the gap between InhaLac® 140 and InhaLac® 150



InhaLac® 145 is a new product within the family of milled inhalative lactose. It consists of irregularly shaped particles with a strictly controlled and specific particle size. **InhaLac® 145** has the typical rough surface, cohesiveness and flowability of milled lactoses.

InhaLac® 145 is a middle sized carrier lactose with mean particle size of 35 µm and approximately 11% of particles below 5 µm.



InhaLac® 145

Particle size distribution

X ₁₀	1 – 6 µm
X ₅₀	20 – 50 µm
X ₉₀	65 – 140 µm

Benefits

- A broad spectrum of particle size distributions
- High storage stability
- Highly controlled and homogenous powder characteristics
- Highest microbial quality including low endotoxins

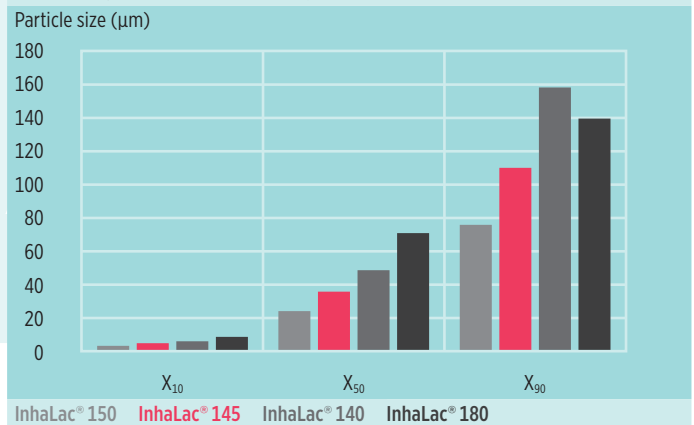
Application

Milled lactose suitable for use in pulmonary and nasal drug delivery.

The expansion of MEGGLE's InhaLac® product family allows the formulator to choose the optimal DPI lactose grade for each application and fine-tune each formulation for superior performance. InhaLac® 145 complements MEGGLE's milled DPI grade portfolio.

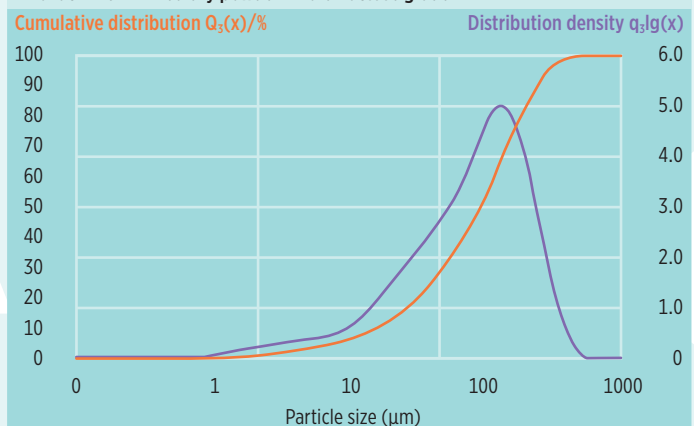
Comparison of typical particle size distribution (Laser diffraction)

InhaLac® dry powder inhaler lactose grades, milled



Typical particle size distribution (Laser diffraction)

InhaLac® 145 – milled dry powder inhaler lactose grade



Typical cumulative PSD and distribution density of MEGGLE's milled inhalation lactose grade InhaLac® 145. Analyzed by Malvern Mastersizer 3000 laser diffraction system.

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