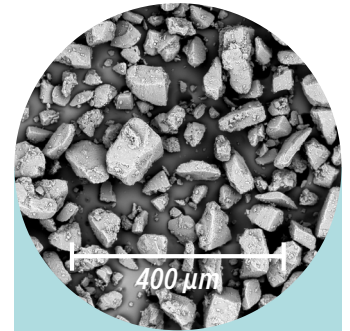


New sieved grade InhaLac® 240 – expands the inhalative lactose grades



InhaLac® 240 is a new product within the family of sieved inhalative lactose. It consists of irregularly shaped particles with a strictly controlled and specific particle size and has better flowability than InhaLac® 251.

InhaLac® 240 is characterized by a median particle size of 65 µm and a fines content of 5% below 10 µm, which ranges between the coarser InhaLac® 230 and the finer InhaLac® 251.



InhaLac® 240

Particle size distribution

X ₁₀	20 – 40 µm
X ₅₀	55 – 70 µm
X ₉₀	85 – 110 µm

Benefits

- A narrow particle size distribution
- High storage stability
- Highly controlled and homogenous powder characteristics
- Highest microbial quality and low endotoxin

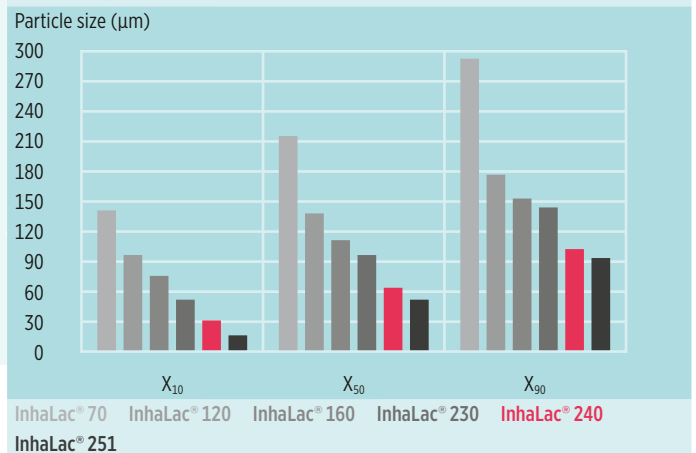
Application

Sieved 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. Therefore InhaLac® 240 complements MEGGLE's sieved DPI grade portfolio.

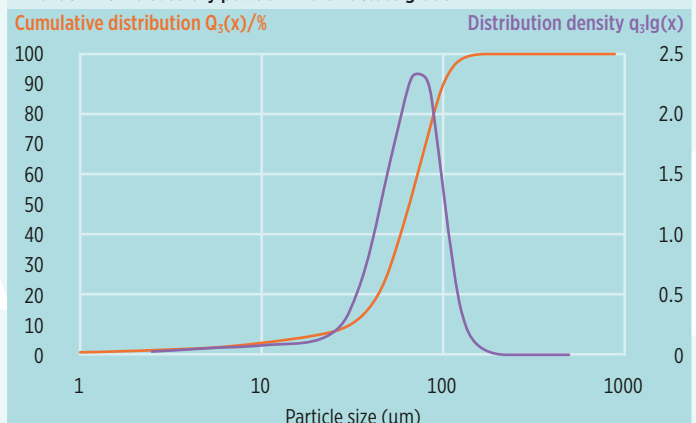
Comparison of typical particle size distribution (Laser diffraction)

InhaLac® dry powder inhaler lactose grades, sieved



Typical particle size distribution (Laser diffraction)

InhaLac® 240 – sieved dry powder inhaler lactose grade



Typical cumulative PSD and distribution density of MEGGLE's sieved inhalation lactose grade InhaLac® 240. Analyzed by Sympatec®/Helos & Rodos particle size analyzer.