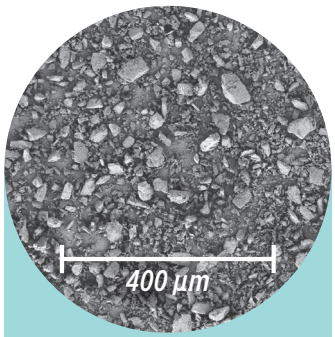
New from MEGGLE: InhaLac® 300 – portfolio extension with a fine milled lactose grade

InhaLac® 300 – a new inhalative lactose grade with specific particle size distribution is characterized by the typical flow- and surface-characteristic of fine **milled lactose grades**. This provides an additional tool for the formulator to tune and optimize the performance of the DPI product.

InhaLac® 300 is a lactose grade with 90 % of the particles below 35 – 50 µm (Sympatec) or 40 – 56 µm (Malvern).



InhaLac® 300

Particle size distribution	
x_{10}	2.0 – 3.5 µm
x_{50}	14 – 19 µm
x_{90}	40 – 56 µm

Benefits

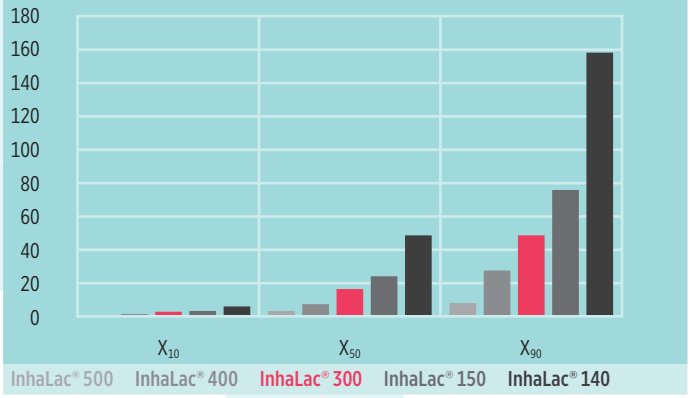
- Highly controlled and homogenous powder characteristics
- Highest microbial quality including low endotoxins
- Retest after 24 months

Application

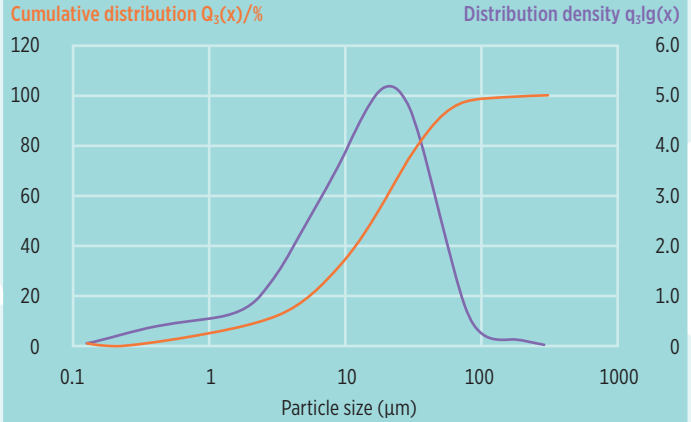
InhaLac® 300 is a fine milled lactose suitable for use in pulmonary and nasal drug delivery.

MEGGLE's extension of the InhaLac® product family – closing the gap between medium sized carrier lactose and fine milled grades for dry powder inhalation.

Comparison of typical particle size distribution (Laser diffraction)
InhaLac® dry powder inhaler lactose grades, milled



Typical particle size distribution (Laser diffraction)
InhaLac® 300 – milled dry powder inhaler lactose grade



Typical cumulative PSD and distribution density of MEGGLE's milled inhalation lactose grade InhaLac® 300. Analyzed by Malvern Mastersizer 3000 laser diffraction system.

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