


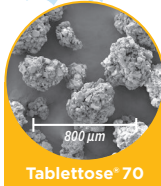
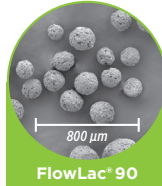
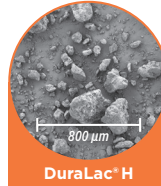

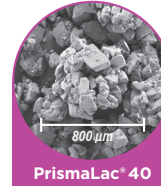



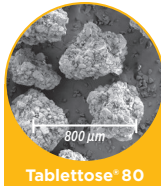
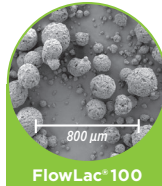





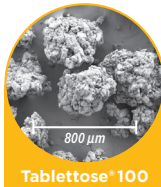



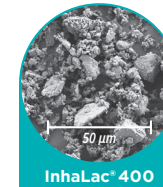




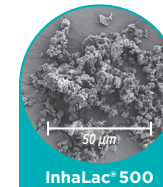
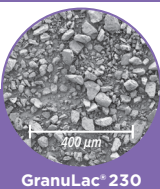
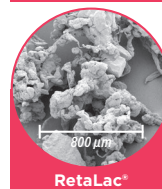
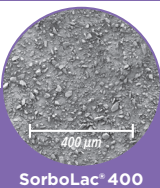
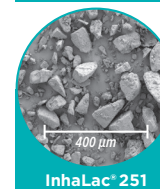
Experts in excipients.
The whole world of lactose.

**Step by step to the right
lactose product**



MEGGLE has it:

The right lactose product for all needs.

Tableting					Powder preparations	Dry powder inhalation	
Granulation	Direct compression					sieved	milled
milled	agglomerated	spray-dried	anhydrous	co-processed			
 400 μm GranuLac® 70	 800 μm Tablettose® 70	 800 μm FlowLac® 90	 800 μm DuraLac® H	 800 μm Cellactose® 80	 800 μm PrismaLac® 40	 400 μm InhaLac® 70	 400 μm InhaLac® 140
 400 μm GranuLac® 80	 800 μm Tablettose® 80	 800 μm FlowLac® 100		 800 μm MicrocelLac® 100	 800 μm CapsuLac® 60	 400 μm InhaLac® 120	 400 μm InhaLac® 150
 400 μm GranuLac® 140	 800 μm Tablettose® 100			 800 μm StarLac®	 800 μm SacheLac® 80	 400 μm InhaLac® 160	 50 μm InhaLac® 400
 400 μm GranuLac® 200				 800 μm CombiLac®	 800 μm SpheroLac® 100	 400 μm InhaLac® 230	 50 μm InhaLac® 500
 400 μm GranuLac® 230				 800 μm RetaLac®			micronized
 400 μm SorboLac® 400				sustained release	 400 μm InhaLac® 251		

Our product portfolio encompasses a broad array of options with solutions for any requirement. This table outlines the product properties, dosage form applications, shelf life, and standard package sizes, helping you decide on the perfect solution for your formulation needs – from MEGGLE, of course.

Product decision matrix																								
MEGGLE product	Product category						Tableting			Powder preparations			Regulatory			Functionality		Retest/Shelf-life	Packaging			Special features		
	Sieved	Milled	Micronized	Agglomerated	Spray-dried	Anhydrous	Co-processed	Wet granulation	Dry granulation	Direct compression	Dry powder inhalation	Capsules	Sachets	Spheres	Ph. Eur./USP-NF /JP compliant	MEGGLE Specification	Drug master file		Flowability	Compactibility	Packaging unit		PE-EVOH-PE inliner	Aluminum inliner
GranuLac® 70*		■						■	■			■	■		■*				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
GranuLac® 80*		■						■	■			■	■		■*				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
GranuLac® 140*		■						■	■					■	■*				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
GranuLac® 200*		■						■	■					■	■*				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
GranuLac® 230		■						■	■					■	■*				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
SorboLac® 400		■						■	■					■	■				●●●●●	●●●●●	36 Months	20 kg paper bag		■
Tablettose® 70				■						■		■	■		■				●●●●●	●●●●●	36 Months	20 kg paper bag	■	
Tablettose® 80				■						■		■	■		■				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
Tablettose® 100				■						■		■	■		■				●●●●●	●●●●●	24 Months	20 kg paper bag	■	
FlowLac® 90					■					■		■	■		■				●●●●●	●●●●●	36 Months	25 kg carton box		■
FlowLac® 100					■					■		■	■		■				●●●●●	●●●●●	18 Months	25 kg paper bag	■	
FlowLac® 100					■					■		■	■		■				●●●●●	●●●●●	24 Months	25 kg carton box		■
DuraLac® H**						■			■	■		■		■	**				●●●●●	●●●●●	36 Months	25 kg carton box		■
Cellactose® 80					■		■		■	■		■	■			■	■		●●●●●	●●●●●	36 Months	20 kg paper bag	■	
MicroceLac® 100					■		■		■	■		■	■			■	■		●●●●●	●●●●●	18 Months	20 kg paper bag	■	
StarLac®					■		■		■	■		■	■			■	■		●●●●●	●●●●●	36 Months	25 kg paper bag	■	
CombiLac®					■		■		■	■		■	■			■	***		●●●●●	●●●●●	24 Months	20 kg carton box	■	
RetaLac®				■			■			■						■	■		●●●●●	●●●●●	24 Months	12 kg plastic drum	■	
PrismaLac® 40	■											■	■		■				●●●●●	●●●●●	36 Months	20 kg paper bag	■	
CapsuLac® 60	■											■	■		■				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
SacheLac® 80	■											■	■		■				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
SpheroLac® 100	■											■	■		■				●●●●●	●●●●●	36 Months	25 kg paper bag	■	
InhaLac® 70	■										■				■	***		n/a	n/a	24 Months	25 kg carton box	■		
InhaLac® 120	■										■				■	■		n/a	n/a	24 Months	25 kg carton box	■		
InhaLac® 140		■									■				■	***		n/a	n/a	24 Months	25 kg carton box	■	■	
InhaLac® 150		■									■				■	***		n/a	n/a	24 Months	20 kg carton box	■	■	
InhaLac® 160	■										■				■	***		n/a	n/a	24 Months	25 kg carton box	■		
InhaLac® 230	■										■				■	***		n/a	n/a	24 Months	25 kg carton box	■	■	
InhaLac® 251	■										■				■	***		n/a	n/a	24 Months	25 kg carton box	■	■	
InhaLac® 400		■									■				■	■		n/a	n/a	24 Months	15 kg carton box		■	
InhaLac® 500			■								■				■	■		n/a	n/a	18 Months	10 kg carton box		■	
<div><div>* Dual production sites in Germany and the US</div><div>** US production site</div><div>*** In process</div><div>●●●●● Excellent</div><div>●●●●● Very good</div><div>●●●●● Good</div><div>●●●●● Satisfactory</div><div>●●●●● Sufficient</div><div>●●●●● Insufficient/not advised</div></div>																								



PRODUCT CONFIGURATOR

- The right lactose product for your needs in a blink.
- Compare facts & figures of the products you are focusing on.
- All technical performance parameters for each product at a glance.
- Sample and documentation requests in less than a minute.

DC

OPTIMIZE YOUR TABLETTING PROCESS

- Your easy way to compare wet granulation with direct compression.
- Rapid assessment of the cost and time saving potential of your formulation.
- Complete flexibility on batch size and process steps.
- Immediate graphical visualizations and reports.
- Offline-capable on every device you like.
- Save your calculations locally or in the cloud.



MEGGLE Group Wasserburg
BG Excipients & Technology
Megglestrasse 6 – 12
83512 Wasserburg
Germany

Phone +49 8071 73 476
Fax +49 8071 73 320
service.pharma@meggle.de
www.meggle-pharma.com