

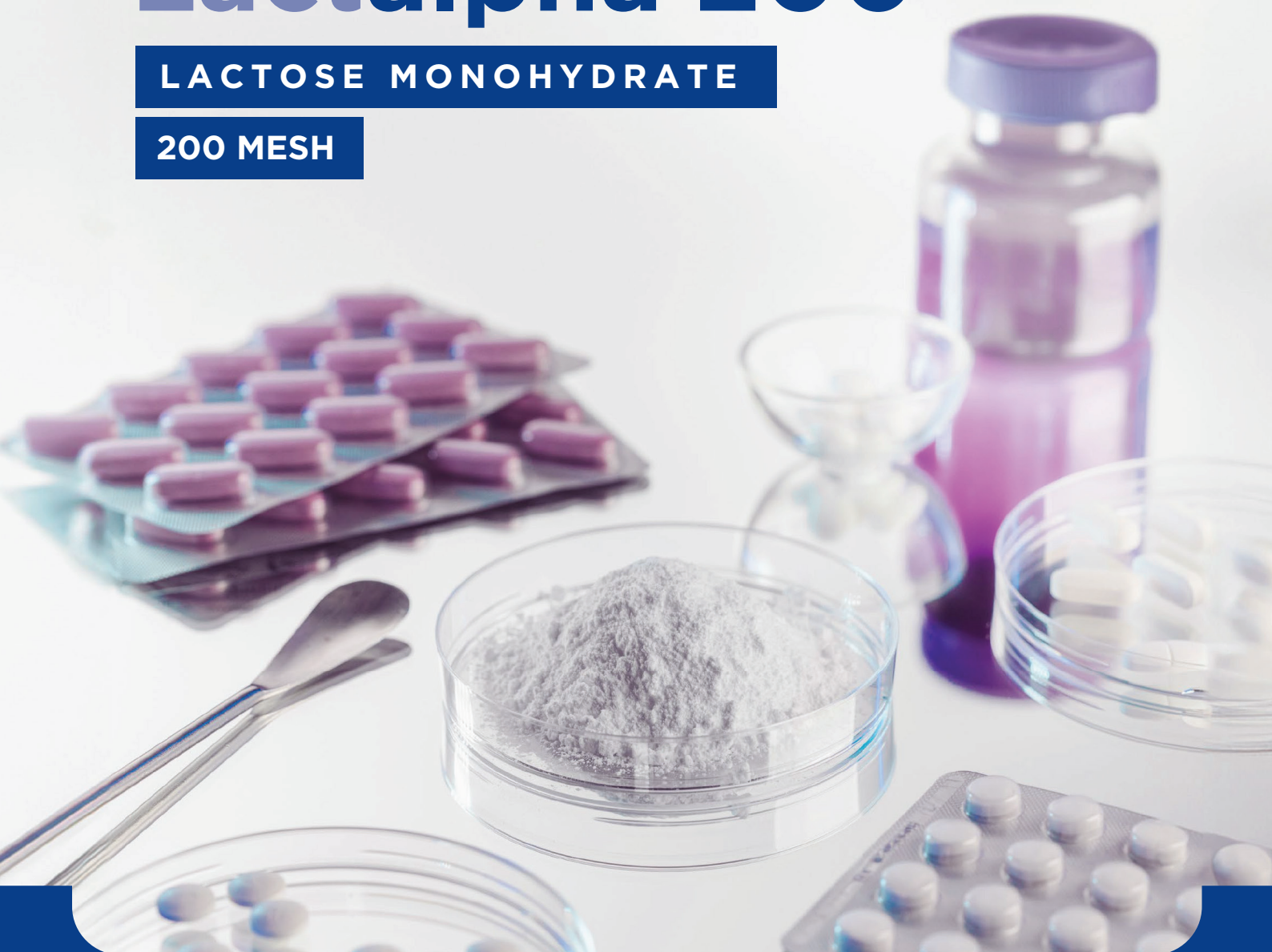
**LACTALIS
INGREDIENTS
PHARMA**

**LOW
NITRITES**

Lactalpa 200

LACTOSE MONOHYDRATE

200 MESH



Lactalis Ingredients Pharma

Your French trusted pharmaceutical lactose partner

Lactalis Ingredients Pharma contributes to the security of the drug supply chain by delivering the best of lactose to our customers.

Benefiting from the experience and technology of decades of commitment and passion, **we are able today to enter the excipients' market as a trusted pharmaceutical lactose.**

EXPERTISE

QUALITY

RELIABILITY

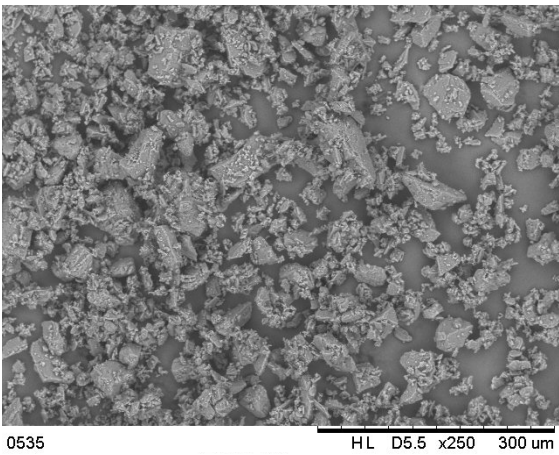
Lactalpa 200

MILLED LACTOSE MONOHYDRATE

LOW
NITRITES
≤0.1 ppm



SEM image x 250



Lactalpa is a range of pharmaceutical grade milled and sieved lactose monohydrate. Lactalpa can easily be used for your OSD applications, in tablets from wet or dry granulation, capsules and sachets. Lactalpa 200 is a 200 mesh pharmaceutical milled lactose conforming with the lactose monohydrate monographs of the current Pharmacopoeias (Ph. Eur., USP-NF and JP).

Production site
Retiers, France

Lactose properties
Diluent / Good mixing /
Tablet binder

Process
Wet granulation, dry
granulation

Galenic applications
Tablet

Lactalpa 200 guarantees a nitrite content of ≤ 0.1 ppm, to help the pharmaceutical industry meet the growing challenges related to nitrosamines. Nitrite testing is performed on every batch produced, and the detailed value are included on each CoA.

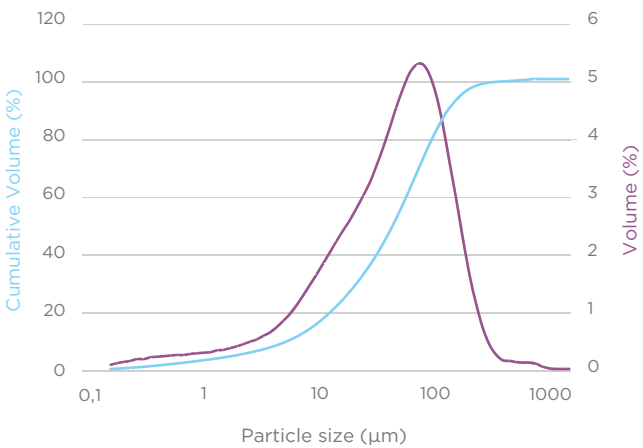
Lactalpa 200

Key physical figures

Characteristics	Specification
Bulk density	590 g/L
Tapped density	860 g/L
Hausner ratio	1.46
Carr's index	31%

Particle Size Distribution

PSD by laser diffraction (indicative values)



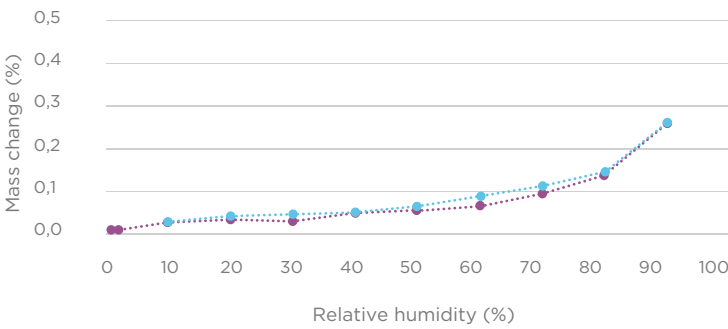
Laser diffraction

D10: 5 μm
D50: 40 μm
D90: 110 μm

— volume
— cumulative volume

Low water absorption for high stability

Sorption isotherm at 25°C



Lactalpa 200 sorption isotherm at 25°C, measured by SPSx-1Q vapor sorption analyzer.

At 25°C, Lactalpa 200 absorbs little water up to 90% relative humidity, and thus shows a great stability.

..... desorption
..... sorption

Trust our Pharmaceutical lactose



We would be pleased to know
you and your needs.

**Contact us for any specific need
or to receive a sample.**

For more information on our products
www.pharma.lactalisingredients.com

To contact us
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