


## PRESS RELEASE

### Lactalis Ingredients Pharma enters the excipients market with reliable pharmaceutical grade lactose

#### Our Story and Mission

LactalisIngredients was born with the certitude that **every drop of milk is a source of innovation and inspiration**. As an expert in high-value dairy ingredients with an **experience of over 50 years**, we developed a **high technical and industrial expertise** through our 18 production sites. Because we believe in the **valorization of milk** to its fullest, we **push boundaries** to develop tomorrow's technologies and processes.



At Lactalis Ingredients , we are driven by the wish of valorizing every drop of milk to its purest, most wholesome state, to simply deliver excellence.

As a part of both Lactalis Group and Lactalis Ingredients, **Lactalis Ingredients Pharma** contributes to the shared vision of delivering the best 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 supplier**.

Through our strong values of **expertise, quality, and reliability**, we wish to participate actively to **secure the drug supply chain**. Our vision is driven by the ambition to build with our clients a **trusting, sincere and lasting relationship**.

#### Industrial expertise

**Manufactured in Retiers, France**, our excipient embodies the **reliability and expertise of Lactalis Ingredients' experience** in lactose production. Equipped with **brand-new state-of-the-art technologies** built in 2017, our plant delivers **high purity pharmaceutical lactose** conforming with the lactose monohydrate monograph of the current Pharmacopoeia (Ph. Eur., USP-NF and JP).

Thanks to our experts' passion and dedication, Retiers is certified **ISO 9001** and complies with the **Good Manufacturing Practices**. Beyond our engineering performance, we also bear an **ongoing commitment to pharmaceutical quality**, thus providing our customers full **transparency** and an unparalleled **satisfaction guarantee** through a continual evaluation of the risk and change control. Test and product analysis will profit from controls managed by one of our **trusted laboratories**.

Thanks to the **proximity of the milk and whey collection area** from our production site, we can guarantee the **security of our pharmaceutical lactose supply**. Indeed, we can **continuously and reliably manufacture our products** before shipping them from Retiers all over the world.

## Products

Pharmaceutical grade lactose, used as binder or diluent, is a standard excipient for the **formulation of Oral Solid Dose medicines**. Versatile thanks to its various fabrication processes leading to different particle sizes and shapes, lactose answers efficiently **the needs of drug manufacturers and pharmaceutical companies**.

Our first excipient, **Lactalpha**, offers a range of **pharmaceutical grade sieved and milled lactose** conforming with the lactose monohydrate monograph of the current **Pharmacopoeias (Ph. Eur., USP-NF and JP)**. Milled or sieved with a various particle sizes distribution, Lactalpha can be used for tablet manufacturing through **wet or dry granulation, sachet and capsule filling**.

|               | Properties                              | Process                            | Applications                   | Mesh size |
|---------------|---|------------------------------------|--------------------------------|-----------|
| Lactalpha 50  | Diluent<br>Good flowability             | Dry blending                       | Capsules<br>Sachets            | 50 mesh   |
| Lactalpha 100 | Diluent<br>Good flowability             | Dry blending                       | Capsules<br>Sachets            | 100 mesh  |
| Lactalpha 150 | Tablet binder<br>Diluent<br>Good mixing | Wet granulation<br>Dry granulation | Tablets<br>Capsules<br>Sachets | 150 mesh  |

Moreover, we rely on **renown experts** to guarantee the reliability of the Lactalpha range for your OSD applications. Indeed, **our team works durably with trusted partners** in universities, analytical laboratories, development centers and external experts from the pharma industry so you can trust our pharmaceutical lactose.

## Key figures

Lactalis Ingredients...

Has **50 years of experience** in lactose production

Ships ingredients in more than **100 countries** all over the world

Its brand Lactalis Ingredients Pharma...

Produces pharmaceutical grade lactose in Retiers, with infrastructures built in **2017**

Has a work environment certified **ISO 9001** complying with the **GMP**

Manufactures lactose according to the **Pharmacopoeias (Ph. Eur., USP-NF and JP)** standards

The lactalpha range contains 3 references of milled and sieved lactose of **50 to 150 mesh, and soon 200 mesh**



## Sample distribution



Our sampling campaign will begin in **September 2023**. Drug manufacturers and pharmaceutical companies will be able to order Lactalpha 50, 100 and 150 samples to evaluate our lactose's reliability for their OSD production.

## Contact

Lactalis Ingredients Pharma is attending **CPhI Barcelona** on the **24th to the 26th of October 2023**. Come and find us at **booth 4G11** to celebrate our official arrival in the pharmaceutical lactose supplier's market and get to know our products.

For additional information please contact [lactalisingredientspharma@fr.lactalis.com](mailto:lactalisingredientspharma@fr.lactalis.com)

