

Oral Solid Dose

# SuperTab<sup>®</sup> 24AN

Combining the benefits of granulated and anhydrous lactose



DFE Pharma holds a full range of lactose grades for direct compression consisting of spray dried, granulated and anhydrous products. As a highly compactable, agglomerated anhydrous lactose **SuperTab<sup>®</sup> 24AN** is truly a unique product. It combines the benefits of granulated and anhydrous lactose: excellent flow, quick disintegration time, superior compaction, minimum water content, low hygroscopicity and low lubricant sensitivity. These properties makes SuperTab<sup>®</sup> 24 AN the ideal choice for many DC tablet applications, including low dose formulations and moisture sensitive drugs.

**ASK AN EXPERT**

[dfepharma.com/productfinder](http://dfepharma.com/productfinder)

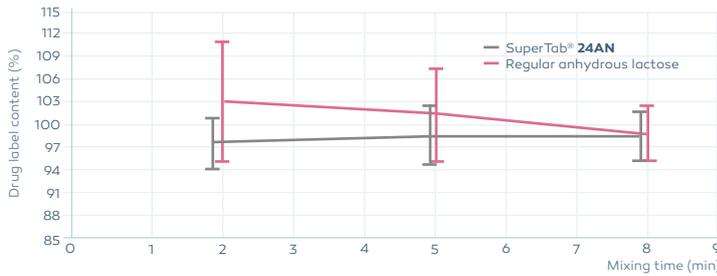


# SuperTab® 24AN

## Benefits

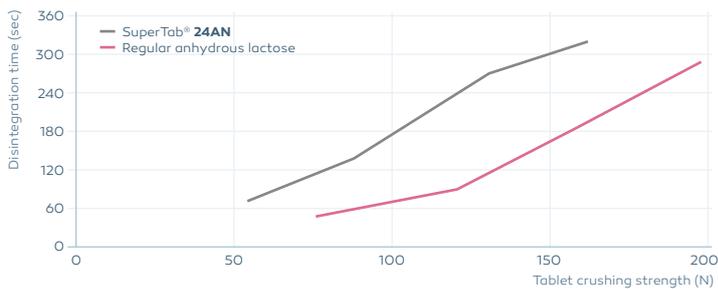
### Improved mixing efficiency

The granular structure and excellent flow properties makes SuperTab® 24AN an ideal excipient for formulations where mixing properties are critical. SuperTab® 24AN gave excellent content uniformity after only 2 minutes mixing (RSD  $\leq 3\%$ ).



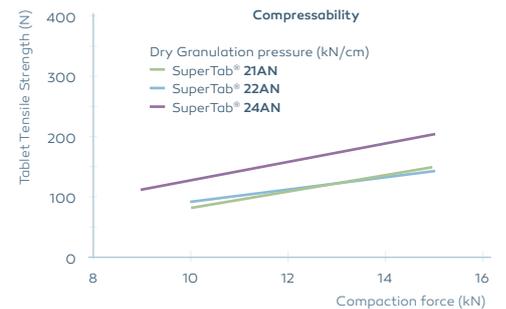
### High compaction combined with quick disintegration

SuperTab® 24AN shows superior compactability and enables the production of robust tablets in combination with quick disintegration over a wide range of compaction forces.



### Best in class of Anhydrous Lactose

SuperTab® 24AN outperforms SuperTab® 21AN and even SuperTab® 22AN in both flow and compactability due to its unique morphology (very homogeneous anhydrous lactose granules), generated by an additional granulation process.



## Facts

### Typical product data

Complies with Ph. Eur., USP-NF, JP  
Kosher & Halal certified

### Particle size distribution

Method: by Airjet sieve

|                                |           |
|--------------------------------|-----------|
| Sieve %w/w < 75 $\mu\text{m}$  | $\leq 30$ |
| Sieve %w/w < 150 $\mu\text{m}$ | 55 - 80   |
| Sieve %w/w < 250 $\mu\text{m}$ | $\geq 85$ |
| Sieve %w/w < 400 $\mu\text{m}$ | $\geq 97$ |

|                         |            |
|-------------------------|------------|
| Poured density          | 0.49 g/ml  |
| Tapped density          | 0.60 g/ml  |
| Karl Fischer (moisture) | < 0.5% w/w |

### Packaging

|            | Drum    |
|------------|---------|
| Capacity   | 35 kg   |
| Shelf life | 2 years |