



## LACTOCHEM<sup>®</sup> Coarse Powder

**Description** :  $\alpha$ -lactose monohydrate pharmaceutical grade conform **USP/NF, EP, JP**

Physical-Chemical data:

Identification  
Appearance in solution  
Residue on ignition  
Total Water  
Loss on drying  
Acidity  
Specific Optical Rotation (on anhydrous basis)  
Absorbance between 210-220 nm (1%, 1cm)  
Absorbance between 270-300 nm (1%, 1cm)  
Absorbance at 400 nm (10%, 1cm)  
Heavy metals

Specification

conform USP/NF, EP, JP  
clear and nearly colourless  
max. 0.1%  
4.5-5.5 %  
max. 0.5 %  
max. 0.4 ml 0.1 N NaOH  
+54.4° to +55.9°  
max. 0.25  
max. 0.07  
max. 0.04  
max. 5 ppm

Microbiological data:

Total viable count  
Enterobacteriaceae  
Escherichia coli  
Salmonellae  
Yeasts  
Moulds

Specification

max. 100 / g  
absent in 1 g  
absent in 10 g  
absent in 5x25g  
max. 5 / g  
max. 5 / g

Particle size distribution (Airjet sieve analysis, Alpine)

< 250 micron	min. 98 %
< 150 micron	min. 75 %
< 75 micron	15-50 %

**Packaging** : a multiply paper bag with polyethylene inner liner, 25 kg nett

**Storage** : keep in cool, clean and dry conditions and away from strongly odorous materials

**Retest date** : for storage periods exceeding 36 months we recommend re-testing

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**Friesland Foods Domo**

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