



## LACTOPRESS<sup>®</sup> Anhydrous 250

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

**Physical-Chemical data:**

Identification  
Appearance in solution  
Residue on ignition  
Total Water  
Loss on drying  
Acidity  
Isomer ratio (Alpha lactose monohydrate)  
(Beta-lactose)  
Specific Optical Rotation (on anhydrous basis)  
Absorption at 210-220 nm (1%, 1 cm)  
Absorption at 270-300 nm (1%, 1 cm)  
Absorption at 400 nm (10%, 1 cm)  
Heavy metals

**Specification**

conform USP/NF, EP, JP  
clear and nearly colourless  
max. 0.1%  
max. 1.0 %  
max. 0.5 %  
max. 0.4 ml  
(max. 50%)  
(min. 50%)  
+54.4° to +55.9°  
max. 0.25  
max. 0.07  
max. 0.04  
max. 5 ppm

**Microbiological data:**

Total plate count  
Enterobacteriaceae  
Escherichia coli  
Salmonellae  
Yeast  
Moulds

**Specification**

max. 100 / g  
absent in 1 g  
absent in 10 g  
absent in 5x25 g  
max. 5 / g  
max. 5 / g

**Particle size distribution** (Airjet sieve analysis, Alpine)

< 45 micron max. 20 %  
< 150 micron 40 - 65 %  
< 250 micron min. 80 %

**Packaging** : a multiply paper box or carton box with polyethylene inner line, 25 kg net

**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

June 4<sup>th</sup>, 2008 (version 4)

**Friesland Foods Domo**

Hanzeplein 25, 8017 JD Zwolle, P.O. Box 449 8000 AK Zwolle, The Netherlands,  
Telephone: +31 38 46 77 444, Fax: +31 38 46 77 555, www.domo.nl, e-mail: info.domo@frieslandfoods.com