



Product Specification

Product group: Lactose
Brand name: Lactopress® Anhydrous
Product description: Anhydrous lactose
Article No: 661111
Document No.: PD-0351 Page 1 of 2

Manufacturing site: DFE Pharma GmbH & Co.KG, Borculo, The Netherlands
Product name: Lactopress® Anhydrous
Conforms to Ph.Eur Lactose monograph / USP - NF, JP, ChP Anhydrous Lactose monograph, current at time of manufacture
Product description: A white or almost white, crystalline powder freely soluble in water, practically insoluble in ethanol
Residual solvents
(CPMP/ICH/283/95): No class 1,2,3 solvents are used during production

Physical-Chemical data:

Identification
Appearance of solution (Ph.Eur.)
Residue on ignition
Total Water
Loss on drying
Acidity
Isomer ratio (Alpha lactose)
(Beta-lactose)
Specific Optical Rotation (on anhydrous basis)
Absorbance between 210-220 nm (1%, 1 cm)
Absorbance between 270-300 nm (1%, 1 cm)
Absorbance at 400 nm (10%, 1 cm)
Heavy metals
Arsenic
Assay by HPLC
Identify material by HPLC
Related substances by HPLC

Specification

conform USP - NF, Ph.Eur, JP
Clear and not more coloured than ref. BY 7
max. 0.1 %
max. 1.0 %
max. 0.5 %
max. 0.4 ml 0.1 N NaOH
(max. 50%)
(min. 50%)
+54.4° to +55.9°
max. 0.25
max. 0.07
max. 0.04
max. 5 ppm
max. 2 ppm
98 – 102 %
pass
max. 0.5 %

Microbiological data:

TAMC
Bile tolerant gram negative bacteria
Escherichia coli
Salmonellae
TYMC

Specification

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



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Particle size (Airjet sieve analysis, Alpine)

< 250 micron

< 53 micron

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min. 80 %

max. 30 %

Packaging: a carton box with polyethylene inner liner

Storage: Keep in original, unopened packing and away from strongly odorous materials.
Store at room temperature (normal warehouse conditions), allowing temporary excursions.

Retest date: Products has a retest date of 24 months.

This document substitutes all previous versions issued for the brand names mentioned above.
We trust this information, which is made up to the best of our knowledge, will be helpful to you.

Name : Dr. Bastiaan Dickhoff

Job title : Director Innovation & Technical Solutions

Signature :

A blue ink facsimile signature of B. Dickhoff, written in a cursive style.

This document is controlled by a validated, electronic system and is valid without signature.
The above facsimile signature is only for display.