

Product group: Lactose
Brand name: Pharmatose® 200M (NZ)
Product code: 0743728, 0743729,
0743731, 0743732
Product description: Lactose monohydrate
Document No.: PD-0091 Page 1 of 2

Manufacturing site: Fonterra Ltd., Kaponga, New Zealand
Product name: Pharmatose® 200M
Conforms to USP - NF, Ph.Eur., JP, Ch.P¹. Lactose monohydrate 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.)
Clarity and Colour of Solution
Residue on ignition/Sulphated ash
Water (KF)
Loss on drying
Acidity
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 metals¹
Arsenic¹
Assay by HPLC¹
Identify material by HPLC¹
Related substances by HPLC¹

Specification

Complies with Pharmacopoeia when tested
Clear and not more coloured than ref. BY 7
Clear and colourless or nearly colourless
max. 0.10 %
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
max. 2 ppm
98.0 – 102.0 %
Pass
Pass

Microbiological data:

Total aerobic microbial count
Yeasts and moulds
E. coli
Salmonella

Specification

max. 100 cfu/g
max. 10 cfu/g
neg. in 10 g
neg. in 100 g

1: Not applicable for 0743732

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Particle size (Sonic sifter)

% < 75 µm

% <180 µm

Specification

78 – 86

min. 98

Storage:

Keep in original, unopened packing and away from strongly odorous materials.

Store at room temperature (normal warehouse conditions), allowing temporary excursions.

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 : 

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