

CERTIFICATE OF ANALYSIS

Product : MANNITOL (D-)

 Product number
 : M0803

 Batch number
 : 011192

 Date of production
 : 20-10-2014

 Date of analysis
 : 20-10-2014

 Date of expiry
 : 20-10-2019

Packaging and storage : in a well-closed container, protected from light

SPECIFICATION UNITS REMARKS RESULT Appearance white crystalline powder, odourless, complies sweet taste Identification: - C (IR-spectrum) conform complies Appearance of solution clear and colourless complies 10% in H₂O Conductivity ≤20 20% in H₂O 1.0 μS/cm Reducing sugars conform complies USP Related substances conform **HPLC** 1.1 Chlorides conform < 1 Nickel ≤ 1 complies ppm Heavy metals ≤ 5 < 5 ppm Loss on drying ≤ 0.5 0.1 %

This certificate of analysis is conform the results of the manufacturer.

98.0 - 102.0

Conclusion: approved

Released by:

Assay

drs. M. van Wissen, pharmacist

Department of Quality Control Duchefa B.V.

98.9

%

dried substance

Date: 20-04-2015

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

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