

## **CERTIFICATE OF ANALYSIS**

Product MANNITOL (D-)

Product number M0803 Batch number 012580 Date of production 01-06-2016 Date of expiry 30-06-2021

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

Appearance	SPECIFICATION white crystalline powder, odourless, sweet taste	RESULT complies	UNITS	REMARKS
Smeltpunt	165.0 – 170.0	167	°C	
Identification:				
- C (IR-spectrum)	conform	complies		
Appearance of solution	clear and colourless	complies		10% in H <sub>2</sub> O
Conductivity	≤ 20.0	1.1	μS/cm	20% in H <sub>2</sub> O
Reducing sugars	≤ 0.10	< 0.10	%	
Related substances	conform	complies		HPLC
Nickel	≤ 1.0	complies	ppm	
Heavy metals	≤ 5.0	complies	ppm	
Loss on drying	≤ 0.50	0.1	%	
Assay	98.0 - 102.0	99.3	%	HPLC

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

Conclusion: approved

Released by: drs. M. van Wissen, pharmacist

Department of Quality Control Duchefa B.V.

Date: 08-12-2016

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

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