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## **CERTIFICATE OF ANALYSIS**

Product

MANNITOL (D-)

Product number Batch number Date of production M0803 012253

Date of expiry

xx-12-2015 31-12-2020

Packaging and storage

in a well-closed container, protected from light

Appearance	SPECIFICATION white crystalline powder, odourless,	RESULT complies	UNITS	REMARKS
	sweet taste			
Smeltpunt	165.0 - 170.0	167.2	°C	
Identification:				
- C (IR-spectrum)	conform	complies		
Appearance of solution	clear and colourless	complies		10% in H <sub>2</sub> O
Conductivity	≤ 20.0	5.0	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	0.06	%	
Assay	98.0 - 102.0	99.1	%	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: 18-07-2016

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

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