

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder, odourless, sweet taste	complies		
Smeltpunt	165.0 – 170.0	167	°C	
Identification:				
- C (IR-spectrum)	conform	complies		
Appearance of solution	clear and colourless	complies		10% in H ₂ O
Conductivity	≤ 20.0	1.1	μS/cm	20% in H ₂ 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.