

## CERTIFICATE OF ANALYSIS

Product : **D-SORBITOL**  
 Product number : S0807  
 Batch number : 011379  
 Date of analysis : 01-10-2014  
 Date of expiry : 31-10-2019

Packaging and storage : store dry at room temperature in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white, crystalline powder	complies		
Solubility	soluble in water	complies		
Appearance of solution	clear and colourless	complies		
Identification	conform	complies		
pH	3.5 – 7.0	5.6		
Specific rotation	+4.0 – +7.0	+4.6	°	anhydrous substance
Conductivity	≤ 20	1.4	μS/cm	
Chloride	≤ 0.002	< 0.002	%	
Sulfate	≤ 0.010	< 0.010	%	
Heavy metals	≤ 0.0005	< 0.0005	%	
Arsenic	≤ 0.0001	< 0.0001	%	
Nickel	≤ 0.0001	< 0.0001	%	
Lead	≤ 0.00005	< 0.00005	%	
Related substances:				HPLC, Ph.Eur.
- Any impurity (mannitol)	≤ 2.0	0.6	%	
- Total impurity	≤ 3.0	1.1	%	
Reducing sugars	≤ 0.2	0.04	%	as glucose
Sulfated ash	≤ 0.02	< 0.01	%	
Loss on drying	≤ 3.0	< 3.0	%	
Water	≤ 1.5	0.5	%	
Microbiological test	conform	complies	cfu/g	
Assay	≥ 97.0	99.2	%	HPLC, anhydrous substance

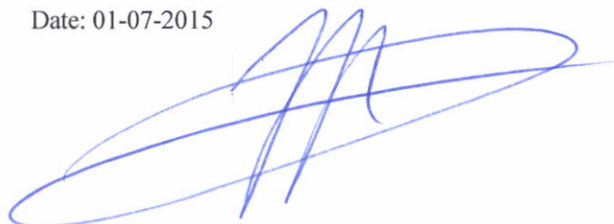
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 01-07-2015



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