

CERTIFICATE OF ANALYSIS

Product : **D-SORBITOL**
 Product number : S0807
 Batch number : 010499
 Date of analysis : 05-12-2013
 Date of expiry : 31-12-2018

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white,crystalline powder			
Solubility	soluble in water			
Appearance of solution	clear and colourless			
Identification	conform	complies		
pH	3.5 – 7.0	5.8		
Specific rotation	+4.0 – +7.0	+4.3	°	anhydrous substance
Conductivity	≤ 20	0.7	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	0.5	%	
- Total impurity	≤ 3.0	0.9	%	
Reducing sugars	≤ 0.2	0.01	%	as Glucose
Sulfated ash	≤ 0.02	< 0.01	%	
Loss on drying	≤ 3.0	< 3.0	%	
Water	≤ 1.5	0.3	%	
Microbiological test	conform	complies	g	CFU/g
Assay	≥ 97.0	98.6	%	HPLC, anhydrous substance

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

Conclusion: approved
 Released by:

drs. D.Blok, pharmacist
 Department of Quality Control Duchefa B.V.



Date: 19-06-2014

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