

CERTIFICATE OF ANALYSIS

Product : **D-SORBITOL**
Product number : S0807
Batch number : 011026
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			
Solubility	soluble in water			
Appearance of solution	clear and colourless			
Identification	conform	complies		
pH	3.5 – 7.0	5.5		
Specific rotation	+4.0 – +7.0	+4.6	°	anhydrous substance
Conductivity	≤ 20	1.1	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	0.04	%	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	98.5	%	HPLC, anhydrous substance

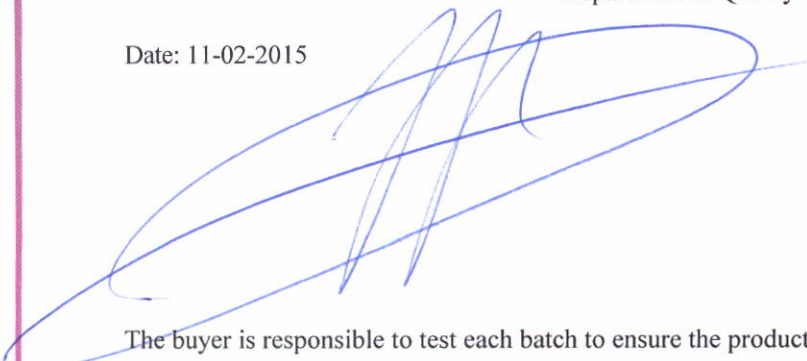
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 11-02-2015



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