

CERTIFICATE OF ANALYSIS

Product : **D-SORBITOL**
 Product number : S0807
 Batch number : 014421
 Date of analysis : 28-02-2019
 Date of expiry : 29-02-2024

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	5.7		
Specific rotation	+4.0 – +7.0	+4.6	°	anhydrous substance
Conductivity	≤ 20	0.7	μS/cm	
Chloride	≤ 0.002	< 0.002	%	
Sulfate	≤ 0.010	< 0.010	%	
Heavy metals	≤ 5	< 5	ppm	
Arsenic	≤ 1	< 1	ppm	
Nickel	≤ 1	< 1	ppm	
Lead	≤ 0.5	< 0.5	ppm	
Related substances:				HPLC, Ph.Eur.
- Any impurity (mannitol)	≤ 2.0	0.7	%	
- Total impurities	≤ 3.0	0.8	%	
Reducing sugars	≤ 0.11	0.04	%	as glucose
Sulfated ash	≤ 0.02	< 0.01	%	
Loss on drying	≤ 3.0	< 3.0	%	
Water	≤ 1.5	0.4	%	
Assay	97.0 – 100.5	98.7	%	HPLC, anhydrous substance

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

Conclusion: approved

Released by:

drs. Q. de Hoog, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 19-03-2019

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