



## CERTIFICATE OF ANALYSIS

Product : **D-SORBITOL**  
 Product number : S0807  
 Batch number : 016178  
 Date of analysis : 22-01-2021  
 Date of expiry : 31-01-2026

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

	<b>SPECIFICATION</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REMARKS</b>
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	+4.4	°	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	1.1	%	
Reducing sugars	≤ 0.11	0.02	%	as glucose
Sulfated ash	≤ 0.02	< 0.01	%	
Loss on drying	≤ 3.0	< 3.0	%	
Water	≤ 1.5	0.3	%	
Assay	97.0 – 100.5	99.0	%	HPLC, anhydrous substance

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

Conclusion: approved

Released by:

Date: 06-05-2021

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

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