Duchefa Biochemie b.v.

biochemicaliën
biochemicals

CERTIFICATE OF ANALYSIS

Product	:	**D-SORBITOL**
Product number	:	S0807
Batch number	:	012855
Date of analysis	:	18-01-2017
Date of expiry	:	31-01-2022
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	5.5		
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	0.7	%	
- Total impurity	≤ 3.0	1.2	%	
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	97.9	%	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: 03-04-2017



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

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