

CERTIFICATE OF ANALYSIS

Product : **MANNOSE (D-)**
 Product number : M1392
 Batch number : 013465
 Date of production : 09-11-2017
 Date of expiry : 30-11-2022

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white powder	complies		
Solubility	soluble in water	complies		
Melting point	124 – 134	126		
Loss on drying	≤ 0.5	0.2	%	
Heavy metals	≤ 10	complies	ppm	
Specific optical rotation	+13.3 – +14.4	+14.1	°	
Assay	≥ 99.0	99.9	%	HPLC
Total plate count	≤ 1000	< 100	cfu/g	
Moulds and yeasts	≤ 100	< 100	cfu/g	

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: 22-01-2018



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