

CERTIFICATE OF ANALYSIS

Product : **MANNOSE (D-)**
 Product number : M1392
 Batch number : 013802
 Date of production : 19-02-2018
 Date of expiry : 28-02-2023

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystals or crystalline powder	complies		
Solubility	soluble in water	complies		
Melting point	126 – 134	128.6 – 132.7	°C	
Loss on drying	≤ 0.50	0.19	%	
Heavy metals	≤ 10	complies	ppm	
Specific optical rotation	+13.7 – +15.0	+14.1	°	
Assay	≥ 99.0	99.2	%	HPLC
Total plate count	≤ 1000	complies	cfu/g	
Moulds and yeasts	≤ 100	complies	cfu/g	

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

Conclusion: approved

Released by:

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

Date: 24-05-2018


 V. Kong Tse Lam

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