

CERTIFICATE OF ANALYSIS

Product : **D-XYLOSE**
 Product number : X0808
 Batch number : 011414
 Date of production : 24-04-2014
 Date of analysis : 26-04-2014
 Date of expiry : 30-04-2019
 Packaging and storage : store in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Solubility	soluble in water	complies		
Appearance of solution	clear and colourless	complies		
Loss on drying	≤ 0.10	0.18	%	
Total organic impurities	≤ 2.0	0.98	%	
Glucose	≤ 1.0	0.41	%	
L-arabinose	≤ 1.0	0.18	%	
Other impurities	≤ 1.0	0.39	%	
Sulfated ash	≤ 0.05	0.01	%	
Specific optical rotation	+18.5 – +19.5	+19.45	°	
Heavy metals	≤ 5	< 5	mg/kg	
Iron	≤ 5	< 5	mg/kg	
Chloride	≤ 50	< 10	mg/kg	
Acidity	≤ 0.2	0.1	ml	0.1 M NaOH
Assay	98.0 – 102.0	99.02	%	droge stof

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

Conclusion: approved

Released by:

drs. D. Blok, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 21-07-2015



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