

CERTIFICATE OF ANALYSIS

Product : **D-RIBOSE**
 Product number : R0806
 Batch number : 010478
 Date of analysis : xx-06-2014
 Expiry date : 30-06-2019

Packaging and storage : store at 2 – 8 °C in a well-closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or slight yellow powder	complies		
Solubility	soluble in water			5% in H ₂ O
Identification	conform	complies		
Heavy metals	conform	< 10	ppm	
Lead	conform	< 3	ppm	
AS	conform	< 1	ppm	
Iron (Fe)	conform	< 30	ppm	
Loss on drying	conform	< 3	%	
Residue on ignition	conform	< 0.2	%	
Impurities	conform	< 1.0	%	
Coliforms	conform	< 100		
Transparency	conform	> 95	%	
Assay	≥ 97	99.2	%	
Specific optical rotation	-17 – -23	-20.1	°	
Microbiology:				
Total plate count	conform	< 1000	cfu/g	
Mould & yeast	conform	< 100	cfu/g	

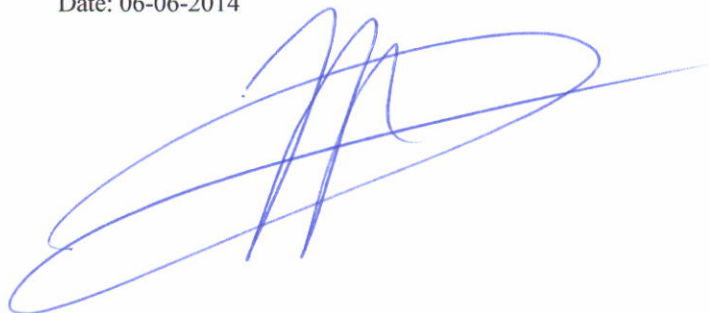
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 06-06-2014



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