

## CERTIFICATE OF ANALYSIS

Product : **L-LYSINE HCL**  
Product number : L0714  
Batch number : 012365  
Date of analysis : xx-09-2016  
Retest date : 31-07-2018

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Specific optical rotation	+20.4 – +21.4	+20.7	°	
Heavy metals	< 0.0015	complies	%	
Loss on drying	≤ 0.40	0.36	%	
Residue on ignition	< 0.10	0.04	%	
Sulfate	< 0.03	complies	%	
Iron	< 0.003	complies	ppm	
Chloride	19 – 19.6	19.3	%	
Assay	98.5 – 101.5	99.4	%	titration


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: 20-09-2016



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