

CERTIFICATE OF ANALYSIS

Product : **L-ORNITHINE MONOHYDROCHLORIDE**
Product number : O1351
Batch number : 011024
Date of production : 09-10-2014
Date of expiry : 31-10-2017

Packaging and storage : in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Specific rotation	+23.0 – +25.0	+23.7	°	
Transmittance	≥ 98.0	99.1	%	
Ammonium	≤ 200	complies	ppm	
Sulfate	≤ 200	complies	ppm	
Iron	≤ 10	complies	ppm	
Heavy metals	≤ 10	complies	ppm	as Pb
Arsenic	≤ 1	complies	ppm	
Loss on drying	≤ 0.2	0.15	%	
Other amino acids	not detectable	complies		HPLC
Residue on ignition	≤ 0.10	0.04	%	
pH	5.0 – 6.0	5.2		
Assay	99.0 – 101.0	99.3	%	

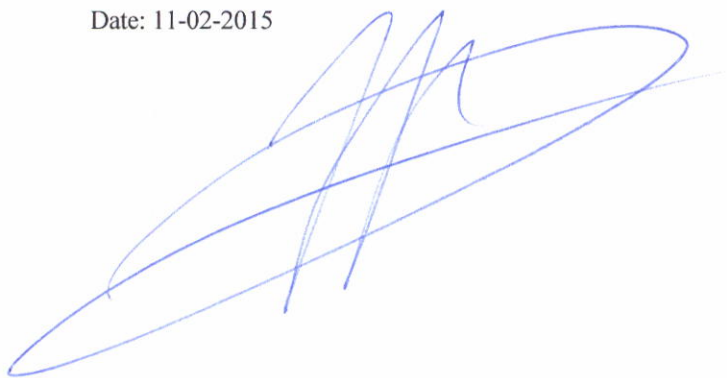
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 11-02-2015



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