

CERTIFICATE OF ANALYSIS

Product : **L-ORNITHINE MONOHYDROCHLORIDE**
Product number : O1351
Batch number : 018407
Date of production : 14-10-2023
Date of expiry : 31-10-2026

Packaging and storage : in a well closed container

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Specific rotation	+23.0 – +25.0	+23.9	°	
Sieve Analysis Passed	100	complies	%	through 20 Mesh
Ammonium	≤ 200	< 0.02	%	
Sulfate	≤ 200	< 0.02	%	
Iron	≤ 10	< 10	ppm	
Heavy metals	≤ 10	< 10	ppm	as Pb
Arsenic	≤ 1	< 1	ppm	
Loss on drying	≤ 0.20	0.15	%	
Chloride	20.6 – 21.3	21.0	%	
Residue on ignition	≤ 0.10	0.05	%	
pH	5.0 – 6.0	5.4		
Assay	99.0 – 101.0	100.2	%	

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: 22-03-2024



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

Duchefa Biochemie B.V.