

CERTIFICATE OF ANALYSIS

Product : **L-PROLINE**
 Product number : P0717
 Batch number : 018093
 Date of production : 17-10-2023
 Date of analysis : 17-10-2023
 Date of expiry : 31-10-2026

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder or colourless crystals	complies		
Solubility	soluble in water	complies		
Appearance of solution	clear and colourless	complies		
Specific optical rotation	-86.3 – -84.0	-85	°	
pH	5.9 – 6.9	6.2	%	
Chloride	≤ 0.05	complies	%	
Sulfate	≤ 0.03	complies	%	
Transmittance	98 – 100	complies	%	
Iron	≤ 30	< 30	ppm	
Heavy metals	≤ 15	< 10	ppm	as Pb
Loss on drying	≤ 0.4	0.06	%	
Sulfated ash	≤ 0.4	0.04	%	
Assay	98.5 – 101.5	100.1	%	dried substance

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: 27-10-2023



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