



CERTIFICATE OF ANALYSIS

Product : VALINE (L-)
Product number : V0722
Batch number : 019177
Date of analysis : 09-10-2024
Date of expiry : 31-10-2027

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white crystalline powder	complies		
Specific optical rotation	+26.6 – +28.8	+28.5	°	
pH	5.5-7.0	complies		
Chloride	≤ 0.05	< 0.05	%	
Sulphate	≤ 0.03	complies	%	
Iron	≤ 0.003	complies	%	
Heavy metal	≤ 0.0015	< 0.0010	%	as Pb
Loss on drying	≤ 0.30	0.12	%	
Residue on ignition	≤ 0.10	0.07	%	
Assay	98.5 – 101.5	99.0	%	

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

Conclusion: approved
Released by:

S. Bayat, MSc, pharmacist
Department of Quality Control Duchefa B.V.

Date: 31-03-2025

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

Duchefa Biochemie B.V.