

CERTIFICATE OF ANALYSIS

Product : **METHIONINE (L-)**
 Product number : M0715
 Batch number : 016891
 Date of manufacturing : 22-01-2022
 Date of analysis : 22-01-2022
 Date of expiration : 31-01-2025
 Packaging and storage : store in a well-closed container at room temperature.

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white, crystalline powder or colourless crystals	complies		
Solubility	soluble in water, very slightly soluble in alcohol	complies		
Identificaion	conform	complies		
Appearance of solution	clear and colourless	complies		
pH	5.6 – 6.1	complies		
Specific optical rotation	+22.4 – +24.7	+23.1	°	
Chloride	≤ 0.05	complies	%	
Sulphate	≤ 0.03	complies	%	
Iron	≤ 0.003	complies	%	
Heavy Metal	≤ 0.0015	complies	%	
Loss on drying	≤ 0.3	0.03	%	
Residue on Ignition	≤ 0.4	0.04	%	
Assay	98 – 101.5	complies	%	dried substance

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

Conclusion: approved
 Released by:

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

Date: 14-03-2022



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