

CERTIFICATE OF ANALYSIS

Product : **L-ARGININE**
 Product number : A0704
 Batch number : 017455
 Date of manufacturing : 01-12-2022
 Date of analysis : 01-12-2022
 Date of expiry : 31-12-2025

Packaging and storage : store in a well-closed container, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white crystalline powder or colourless crystals	complies		hygroscopic
Identification	conform	complies		
Solubility	freely soluble in water	complies		
Appearance of solution	clear and ≤ ref. sol. BY ₆	complies		
Specific optical rotation	+25.5 – +28.5	complies	°	25 °C dried substance
Ninhydrin-positive substances	amino acid analysis : complies	complies		
Chloride	≤ 200	complies	ppm	
Sulfate	≤ 300	200	ppm	
Ammonium	≤ 0.02	complies	%	
Iron	≤ 10	complies	ppm	
Loss on drying	≤ 0.5	0.09	%	105 °C
Sulphated ash	≤ 0.1	0.04	%	
Assay	98.5 – 101.0	100.1	%	dried substance

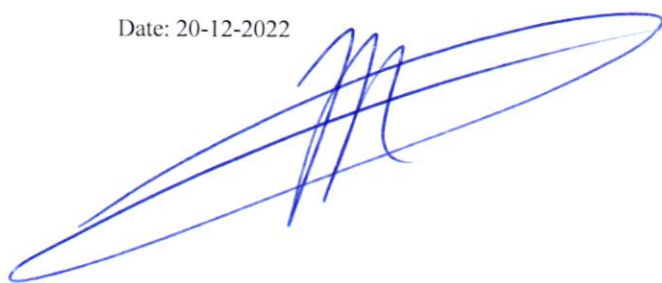
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

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

Date: 20-12-2022



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

Duchefa Biochemie B.V.