

CERTIFICATE OF ANALYSIS

Product : **TYROSINE (L-)**
 Product number : T0721
 Batch number : 018931
 Date of production : 23-10-2024
 Date of expiry : 31-10-2027

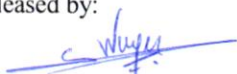
Packaging and storage : store in a well closed container at room temperature

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder or colourless crystals	complies		
Transmittance	≥ 95.0	98.6	%	
pH	5.0-6.5	6.2		
Other amino acids	As per AJI92	complies		
Specific optical rotation	-11.3 -- -12.1	-11.7	°	dried substance
Arsenic	≤ 1	complies	ppm	
Chloride	≤ 0.02	complies	%	
Sulphate	≤ 0.02	complies	%	
Ammonium	≤ 0.02	complies	%	
Iron	≤ 10	complies	ppm	
Heavy metals	≤ 10	complies	ppm	
Loss on drying	≤ 0.20	0.1	%	
Sulphated ash	≤ 0.10	0.05	%	
Assay	99.0 – 100.5	99.5	%	

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: 09-12-2024

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

Duchefa Biochemie B.V.