

CERTIFICATE OF ANALYSIS

Product : **PHENYLALANINE (L-)**
Product number : P0716
Batch number : 012521
Date of production : 28-12-2014
Date of expiry : 31-10-2021

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white or almost white crystalline powder	complies		
Identification:				
- A (specific rotation)	-33.2 – -35.2	-34.01	°	
- B (IR-spectrum)	conform	complies		
pH	5.4 – 6.0	5.57		TLC
Heavy metals	≤ 20	complies	ppm	as Pb
Loss on drying	≤ 0.5	0.05	%	105 °C
Sulphated ash	≤ 0.1	0.03	%	
Assay	99.0 – 101.0	99.43	%	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: 14-11-2016



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