

CERTIFICATE OF ANALYSIS

Product : **PHENYLALANINE (L-)**
 Product number : P0716
 Batch number : 013167
 Date of production : 16-06-2017
 Date of expiry : 30-06-2021
 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)	-33.0 – -35.5	-34.2	°	
- B (IR-spectrum)	Conform	complies		
Chlorides	≤ 200	complies	ppm	
Sulphates	≤ 300	complies	ppm	
Iron	≤ 10	complies	ppm	as Pb
Loss on drying	≤ 0.5	0.1	%	105 °C
Sulphated ash	≤ 0.1	0.0	%	
Assay	98.5 – 101.0	99.4	%	dried substance

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

Conclusion: approved

Released by:

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

Date: 06-09-2017

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