

CERTIFICATE OF ANALYSIS

Product : L-CYSTEINE HYDROCHLORIDE MONOHYDRATE

Product number : C0706
Batch number : 012932
Date of production : 25-08-2016
Date of analysis : 12-09-2016
Date of expiry : 31-08-2019

Packaging and storage : in a well-closed container

Appearance	SPECIFICATION white or almost white crystalline powder	RESULT complies	UNITS	REMARKS
	or colourless crystals			
Solubility	soluble in water	complies		
Identification	conform	complies		
Specific rotation	+6.1 - +7.8	+7.0	0	
Appearance of solution	clear and colourless	complies		
Ammonium	≤ 200	< 200	ppm	
Sulphates	≤ 200	< 200	ppm	
Iron	≤ 10	< 10	ppm	
Heavy metals	≤ 10	< 10	ppm	
Loss on drying	8.0 - 12.0	10.05	%	
Sulphated ash	≤ 0.10	0.01	%	
Assav	98.5 - 101.0	100.2	%	

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: 17-05-2017

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

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