

CERTIFICATE OF ANALYSIS

Product : **L-HISTIDINE**
 Product number : H0710
 Batch number : 013650
 Date of production : 06-01-2018
 Date of expiry : 31-01-2022

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Identification	conform	complies		IR-spectrum
Appearance of solution (transmittance)	≥ 98.0	100.3	%	5% in H ₂ O, 430 nm
pH	7.0 – 8.5	7.9		
Specific optical rotation	+12.0 – +12.8	+12.2	°	20 °C
Ammonium (NH ₄)	≤ 0.02	0.00	%	
Chloride (Cl)	≤ 0.020	< 0.020	%	
Sulphate (SO ₄)	≤ 0.020	< 0.020	%	
Iron (Fe)	≤ 10	< 10	ppm	
Heavy metals	≤ 10	< 10	ppm	as Pb
Loss on drying	≤ 0.20	0.00	%	
Sulphated ash	≤ 0.10	0.06	%	
Assay	99.0 – 101.0	100.1	%	dried substance

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

Conclusion: approved

Released by: *plo*

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

Date: 28-03-2018

S. de Bree
S. de Bree

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