

CERTIFICATE OF ANALYSIS

Product

GLUTATHIONE REDUCED

Product number Batch number

G1346

Date of production

013034 xx-10-2016

Date of expiry

31-10-2019

Packaging and storage

store in a well-closed container, store at room temperature

Appearance Identification	SPECIFICATION white crystalline powder conform	RESULT complies complies	UNITS	REMARKS
Transmittance	≥ 98	complies	%	5% solution
Specific optical rotation	-17.5 — -15.5	-16.4	0	dried substance
рН	2.5 - 3.5	complies		5% water
Enzymatic activity	≥ 98.0	complies	%	
Heavy metals	≤ 10	complies	ppm	
Iron	≤ 10	complies	ppm	
Arsenic	≤ 1	complies	ppm	
Ammonium	≤20	complies	ppm	
Sulfate	≤ 48	complies	ppm	
Impurities	≤ 2.0	complies	%	HPLC
Residue on ignition	≤ 0.10	0.02	%	
Loss on drying	\leq 0.5	0.17	%	
Assay	> 98	99.3	%	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.

+31(0)23 - 531 80 27 bic: INGBNL2A

info@duchefa.nl

website: www.duchefa.com

Date: 04-07-2017

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

telefax: e-mail: