Duchefa Biochemie

biochemicaliën
biochemicals

CERTIFICATE OF ANALYSIS

Product	:	**L-ASCORBIC ACID**
Product number	:	A0602
Batch number	:	010247
Date of production	:	15-11-2013
Date of analysis	:	18-11-2013
Date of expiry	:	30-11-2018
Storage conditions	:	in a well-closed, non-metal container, protected from light

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	(almost) white crystalline powder or colourless crystals	complies		
Identification	conform	complies		
pH (5%,W/V)	2.2 – 2.5	2.4		5% in H_2O
Melting point	191 – 192	191	°C	with decomposition
Appearance of solution	clear and colour ≤ ref. sol. BY_7	complies		5% in H_2O
Specific optical rotation	+20.5 – +21.5	+21.0	°	10% in H_2O
Oxalic acid	≤ 0.2	< 0.2	%	
Copper	≤ 3	< 3	ppm	
Iron	≤ 2	< 2	ppm	
Lead	≤ 0.0002	< 0.0002	ppm	
Heavy metals	≤ 0.0003	< 0.0003	ppm	
Arsenic	≤ 0.0002	< 0.0002	ppm	
Mercury	≤ 1	< 1	ppm	
Loss on drying	≤ 0.1	< 0.1	%	
Sulphated ash	≤ 0.1	< 0.1	%	
Residual solvents	conform	complies		
Assay	99.0 – 100.5	99.8	%	

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: 11-03-2014



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

mail address: Postbus 809 - 2003 RV Haarlem - The Netherlands
visiting address: A. Hofmanweg 71 - 2031 BH Haarlem
telephone: +31(0)23 - 531 90 93
telefax: +31(0)23 - 531 80 27
e-mail: info@duchefa.nl
iban: NL54 INGB 0651 4661 80
bic: INGBNL2A
k.v.k. in Amsterdam: 34073001
website: www.duchefa.com