

## Certificate of Analysis

**Product name:** Acidum ascorbicum cryst.  
**Batch number / Weight:** 21D07-B13-204185 / 250 G  
**Analysed according to:** Ph. Eur.

Tests	Requirement	Result	Unit	Standard remark
Appearance	(Almost) white, crystalline powder	Conform		
Identification B	Conform	Conform		
Identification C	2,1 - 2,6	2,3		
Appearance of solution	Clear /<=BY7	Conform		
Specific optical rotation	+20,5 - +21,5	+21,1	°	
Impurity E	<=0,2	<0,3	%	
Related substances	Conform	Conform		
Impurity C	<=0,15	0,078	%	
Impurity D	<=0,15	<0,05	%	
Unspecified impurities	<=0,10	0,065	%	
Total impurities other than C and D	<=0,2	0,065	%	
Iron	<= 2,0	<=10	ppm	
Copper	<= 5,0	Conform	ppm	
Sulphated ash	<= 0,1	0,03	%	
Metallic residues	CHMP/ICH/353369/2013	Conform		Data producer
Residual solvents	CPMP/ICH/82 260/06	Conform		Data producer
Assay Ascorbic acid	99,0 - 100,5	100,30	%m/m	
TSE/BSE-statement:	No contamination with TSE/BSE-risk materials	Conform		Data producer
Remark	Food quality!			

Analysis performed by the authorized lab.

Release:

Dr. hab. inż. J. K. & S. J.

Qualified Person

29-06-2021

Expiration: 31-01-2024

Conclusion: APPROVED

This document has been produced electronically from our quality system and is valid without signature.