



Specification

Concerning Product:	
Article number	50817NEL
Trade name / designation / denomination	Vitamin C (Ascorbinsäure), EP, E300
CAS number	50-81-7
Other names / synonyms	•2-(1,2-dihydroxyethyl)-4,5-dihydroxy-3-furanone; •Vitamin C; •ascorbic acid;
EC number	200-066-2
Customs tariff number / CN code / TARIC	29362700
Molecular weight [g / mol]	176.12
Formula	C ₆ H ₈ O ₆

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	Clear, ≤ BY7	
Appearance	white or almost white, crystalline powder or colourless crystals	
Physical parameter		
Loss on drying	≤ 0.4	%
pH value	(2% in H ₂ O) 2.4 – 2.8	
Specific Optical Rotation	+20.5 – +21.5	°
Identity		
Assay	99.0 – 100.5	%
Identification	pos.	
Melting Point (identity)	~ 190	°C
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Elemental Impurities		
Arsenic (As)	≤ 3	ppm
Copper (Cu)	≤ 5	ppm
Iron (Fe)	≤ 2	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 2	ppm

Microbiological data		
Escherichia Coli.	neg. in 1g	CFU/g
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g

Regulatory information:

Allergens statement: According to Annex II of Regulation (EU) No **1169/2011** of the European Parliament and of the Council of 25th October 2011 and its amendment (EU) No **78/2014** on substances or products the above mentioned product does NOT cause allergies or intolerances and does NOT contain any allergens which have to be labelled according to these regulations.

BSE/TSE statement: Risk of BSE/TSE contamination can be excluded.

GMO statement: Genetic engineering:

For the above mentioned product there is no obligation of g.m.o. labelling as defined by the Regulations (EC) No **1829/2003** and **1830/2003** of the European Parliament and the Council of 22nd September 2003.

Lactose Status: Product is free of lactose.

Vegan Status: Product is suitable for vegetarian, vegan or coeliac diets (Gluten ≤ 20 ppm)

Supplemental information:

Shelf life: 36 Mon.

Derivation: The source of the active substance is: synthetic and fermentation (in a preliminary stage of manufacturing)

Note: Traceability

According to Regulation (EC) No **178/2002** the traceability of the raw materials for the product is guaranteed one step backwards and of produced batches one step forward. All instructions, which are necessary to take these steps, are implemented in the Quality manual and management system according to IFS and BRC.

This material is Kosher and Halal Certified.

Storage conditions: Protect from light and store cool and dry in well-closed original packaging. The temperature should not exceed 25 °C.

Chemische Werke Hommel GmbH & Co.KG

This document was generated electronically and is valid without signature.

Waltrop, 09. Jan. 2023

We only confirm that we took over the data from our supplier accordingly. Despite careful working, errors in the takeover are not totally excluded. Some or all parts of the document may be translated due to our best knowledge from the original to give a better understanding. If you have any questions about specific details, please call us directly. Unless otherwise marked, these data do not originate from us and have not been tested by us on the correctness. The above information corresponds to the present state of our knowledge and is intended as a general description of our products and their possible applications. We make no warranties, expressed or implied, as to the information's accuracy, adequacy, sufficiency or freedom from defect and assumes no liability in connection with any use of this information. Any user of this product is responsible for determining the suitability of our products for its particular application. The foregoing information does not absolve the buyer of its own tests. Observing existing laws and regulations, is the responsibility of the buyer of our product. Nothing included in this information waives any of our General Terms and Conditions of Sale, which control unless it agrees other in writing. Any existing intellectual/industrial property rights must be observed. Due to possible changes in our products and applicable national and international regulations and laws, the status of our products could change. Material Safety Data Sheets providing safety precautions, that should be observed when handling or storing our products, are available upon request and are provided in compliance with applicable law. The user should obtain and review the applicable Material Safety Data Sheet information before handling any of these products. For additional information, please contact us.