

**VITAMINA C (ACIDO ASCORBICO) (EUR. PH.)**

PRODUCT CODE: 1899	CAS Nº: 50-81-7	ANALYSIS Nº: 124/24
MANUFACTURER BATCH:	CERTIFICATE ID: 42.111	
SUPPLIER BATCH: W0373101	MANUFACTURING DATE: 28/09/2023	
METAPH BATCH: 0080524	EXPIRY DATE: 27/09/2027	

ATTRIBUTES	SHOULD BE	IS
Appearance	White or almost white, crystalline powder or colourless crystals, becoming discoloured on exposure to air and moisture	White crystalline powder becoming discoloured on exposure to air and moisture
Melting point	about 190 °C, with decomposition	191 °C
Identification B	Complies	Complies
Identification C	Complies	Complies
pH	2.1 - 2.6	2.4
Appearance of solution	Clear and not more intensely coloured than ref. sol. BY7	Complies
Specific optical rotation	+20.5 / +21.5	+21.0 (*)
Impurity E	=< 0.2 %	< 0.2 % (*)
Related substances		(*)
Impurity C	=< 0.15 %	< 0.15 %
Impurity D	=< 0.15 %	< 0.15 %
Unspecified impurities	=< 0.10 %	< 0.10 %
Total impurities (other than C and D)	=< 0.2 %	< 0.20 %
Copper	=< 5 ppm	< 5 ppm (*)
Iron	=< 2 ppm	< 2 ppm (*)
Sulfated ash	=< 0.1 %	< 0.1 %
Assay	99.0 - 100.5 %	99.3 %

**COMPLIES WITH**

European Pharmacopoeia 11.2

**REMARKS**

Ascorbic Acid is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

(\*) Data adapted from the supplier's certificate of analysis.

The product is not of animal origin and no animal product is used in its production, so it is risk-free BSE/TSE.

The product is not derived from GMO. No genetically modified organism is used in its production and no GMO product comes in contact with the product during any stage of production.

**STORAGE**

Keep the container tightly closed, protected from light, in a dry place and at room temperature.

Analysis date: 22/05/2024  
Signature: Albert Sanchez Lopez (QP)  
Conclusion: Complies

Manufacturer: 40000406