

Product Specification

Product Name	Sodium L-ascorbate, BP, Ph. Eur., USP grade, suitable for microbiology
Glenthams Code	GE1343
CAS Number	134-03-2
EINECS	205-126-1
MDL Number	MFCD00082340

Molecular Weight	198.11
Molecular Formula	$C_6H_7NaO_6$
Storage Temp.	+20°C

Property	Specification
Physical Description	White to light-yellow crystalline powder or crystals
Identification	Tests according to BP, Ph. Eur., USP
Solubility (10% in water)	Clear, colourless to pale yellow solution
pH (10% in water)	7.0 - 8.0
Specific Optical Rotation	+103 - +106 ° (dried basis)
Oxalic Acid	≤ 0.2%
Impurities C, D	≤ 0.15%
Any Unspecified Impurity	≤ 0.10%
Total Impurities	≤ 0.2% (exc. C + D)
Sulphates	≤ 150ppm
Copper (Cu)	≤ 5ppm
Iron (Fe)	≤ 2ppm
Nickel (Ni)	≤ 1ppm
Heavy Metals	≤ 10ppm
Arsenic (As)	≤ 3ppm
Lead (Pb)	≤ 2ppm
Mercury (Hg)	≤ 1ppm
Loss on Drying	≤ 0.25%
Total Plate Count	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g
Escherichia coli	Negative
Salmonella	Negative
Staphylococcus aureus	Negative
Assay	99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP

Specification Version	- v1.1
Date Created	- 2025-01-31

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Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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