

Certificate of Analysis

Product Name	Sodium L-ascorbate, BP, Ph. Eur., USP grade, suitable for microbiology
Glentham Code	GE1343
CAS Number	134-03-2
EINECS	205-126-1
MDL-Nummer	MFCD00082340
Batch Number	650DNK

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

Property	Specification	Batch 650DNK
Physical Description	White to light-yellow crystalline powder or crystals	White crystalline powder
Identification	Tests according to BP, Ph. Eur., USP	Entspricht
Solubility (10% in water)	Clear, colourless to pale yellow solution	Entspricht
pH (10% in water)	7.0 - 8.0	7.7
Specific Optical Rotation	+103 - +106 ° (dried basis)	+106°
Oxalic Acid	≤ 0.2%	≤ 0.2%
Impurities C, D	≤ 0.15%	Entspricht
Any Unspecified Impurity	≤ 0.10%	≤ 0.10%
Total Impurities	≤ 0.2% (exc. C + D)	Entspricht
Sulphates	≤ 150ppm	Entspricht
Copper (Cu)	≤ 5ppm	Entspricht
Iron (Fe)	≤ 2ppm	Entspricht
Nickel (Ni)	≤ 1ppm	Entspricht
Heavy Metals	≤ 10ppm	Entspricht
Arsenic (As)	≤ 3ppm	Entspricht
Lead (Pb)	≤ 2ppm	Entspricht
Mercury (Hg)	≤ 1ppm	Entspricht
Loss on Drying	≤ 0.25%	0.1%
Total Plate Count	≤ 1000CFU/g	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g	≤ 100CFU/g
Escherichia coli	Negative	Entspricht
Salmonella	Negative	Entspricht
Staphylococcus aureus	Negative	Entspricht
Assay	99.0 - 101.0 % (dried basis)	99.5%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP	Entspricht

Specification Version	v1.1
Manufacture Date	2021-05-05

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Re-Test Date 2030-06-30

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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