

Product Datasheet

GE1343 - Sodium L-ascorbate, BP, Ph. Eur., USP grade, suitable for microbiology

Product Details

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
Related Categories	Biochemicals, Vitamins

Structure

Molecular Weight	: 198.11
Molecular Formula	: C ₆ H ₇ NaO ₆

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product 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
Version	: v1.1

About Sodium L-ascorbate, BP, Ph. Eur., USP grade, suitable for microbiology

No further details on record.

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