

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	30768
Lot Number	002036-201506160
Product	(+)-Sodium L-ascorbate crystalline L(+)-Ascorbic acid sodium salt
CAS Number	134-03-2
Molecular Formula	C ₆ H ₇ O ₆ Na
Molecular Weight	198.1

Appearance	White crystalline powder
Clarity & Color	Clarity of solution : Clear, not more intensely than BY6
Heavy Metals	< 0.001%
Anion	Sulphate (SO ₄ ²⁻): < 150 ppm
Cation	Copper: < 5 ppm Mercury: < 1 ppm Iron (fe): < 2 ppm Arsenic (As): < 0.0003% Lead (Pb): < 0.0002% Nickel (Ni): < 1 ppm
pH	7.6
Acid value	Oxalic acid : < 0.3%
Yeast and Mold	< 100 cfu/g
Optical Rotation	[α] _D ²⁰ = 105 °
Loss on Drying	0.07%
Residual Solvents	Methanol: < 3000 ppm
E. Coli	Absence in 1g
Microbial Count	< 1000 cfu/g (TPC)
Salmonella	Absence in 25 g
Staphylococcus Aureus	Absence in 25 g
Related Substances	Impurity C: < 0.15% Impurity D: < 0.15% Unspecified impurities: < 0.10% Total impurities other than C and D: < 0.2%
Assay	99.7% (Dried basis)
Grade	FCC

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Storage

Store at RT

Additional Information

Identification : Passes test

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager