

5102 – SODIUM ASCORBATE

REF NO: TBL/QA/SS/F/5102	STANDARD SPECIFICATION FOR SODIUM ASCORBATE	Rev. No: 03
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PRODUCT PROPERTIES

C.A.S Number	134-03-2
Chemical Formula	C ₆ H ₇ O ₆ Na
Formula weight	198.11
Functional Uses	Antioxidant
Standard Packaging	25 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White or almost white, odourless crystalline powder which darkens on exposure to light
Solubility	Freely soluble in water; very slightly soluble in ethanol
Test for Ascorbate	Passes test.
Test for Sodium	Passes test.
Reducing reaction	Passes test.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Loss on drying, (vacuum desiccator over sulfuric acid, 24 h)	NMT –0.25%
pH (1 in 10 soln)	6.5 - 8.0
Specific rotation[α] 25D, (10% (w/v) aqueous solution)	Between +103° and +108°
Lead	NMT – 2 mg/kg
Assay (after drying)	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

