

## Sodium Ascorbate Powder Specification:

Item	Specification
Appearance	white to yellow crystal or crystalline odorless powder
Purity (as C <sub>6</sub> H <sub>7</sub> NaO <sub>6</sub> )	99.0%–101.0%
Specific optical rotation	+103° – +106°
Clarity of Solution	Clear
pH (10% solution)	7.0--8.0
Loss on drying	≤0.25%
Loss on ignition	≤8.5%
BET	170–240 m <sup>2</sup> /g
pH (10% solution)	5.0–8.0
Sodium sulfate (as Na <sub>2</sub> SO <sub>4</sub> )	≤1.0%
Sulfate	≤ 150 mg/Kg
Total Heavy Metals	≤10 mg/ Kg
Lead	≤2 mg/ Kg
Arsenic	≤3 mg/ Kg
Mercury	≤1 mg/ Kg
Zinc	≤25 mg/ Kg
Copper	≤5 mg/ Kg



Residual Solvents (as Methanol)	≤0.3%
Total Plate Count	≤1000 cfu/g
Yeasts & Molds	≤100 cuf/g
E.coli/g	Negative
Salmonella/25g	Negative
Staphylococcus aureus/25g	Negative

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