

Specification Of Calcium Ascorbate

Items	Standards
Appearance	White to slightly yellow
Identification	Positive
Assay	99.0 – 101.0 %
Specific Optical Rotation	+103° - +106°
Clarity of Solution	Clear
pH (10%, W/V)	7.0 – 8.0
Loss on drying %	0.25 Max
Sulphate (mg/kg) %	150 Max
Total heavy metals %	0.001 Max
Lead %	0.002 Max
Arsenic %	0.003 Max
Mercury %	0.001 Max
Zinc %	0.0025 Max
Copper %	0.0005 Max



Residual Solvents (as Menthanol) %	0.3 Max
Total plate count (cfu/g)	1000 Max
Yeasts & molds (cuf/g)	100 Max
E.coli/ g	Negative
Salmonella/ 25g	Negative
Staphylococcus aureus/ 25g	Negative

