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Specification of Magnesium ascorbyl phosphate

(Magnesium L-Ascorbic acid-2-phosphate)

Items	Specification
Appearance:	White or pale-yellow powder
Identification:	Positive
Specific optical rotation:	+43° ~ +50°
pH value(3% solution):	7.0~8.5
Loss on drying:	Not more than 20%
Color of solution (APHA):	Not more than 70
Chloride:	Not more than 0.35%
Heavy metals (Pb):	Not more than 10ppm
Arsenic:	Not more than 2ppm
Free ascorbic acid:	Not more than 0.5%
Free phosphoric acid:	Not more than 1%
Chloride:	Not more than 0.35%
Assay (anhydrous):	Not less than 98.5%