TIANCI

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SPECIFICATION

Magnesium Ascorbyl Phosphat

Item	Specification
Appearance	White or yellowish powder
Identification	Positive
	0.1mol/L hydrochloric acid has maximum absorption of 237nm wavelength;
	0.1mol/L sodium hydroxide solution has maximum absorption of 261nm wavelength
	Positive
Assay	≥98.5%
Water	≤20.0%
PH	7.0-8.5
Specific rotation	+43°~+50°
Clarity of solution	Clear
Color of solution	≤BY6
Free phosphoric acid	≤0.5%
Chloride	≤0.35%
Free ascorbic acid	≤0.5%
Derivatives of ascorbic acid	≤1.5%
Ketogulonic acid	≤1.0%
Insoluble in water	0-5
Heavy metals (In Pb)	≤20ppm
As	≤1.0ppm
Conclusion	Meet the standard of USP44