



MTC Industries, Inc.

Nutra**c**euticals, Food**c**euticals, and Pharma**c**euticals

Product Specification

Product: VITAMIN C DC 97%granular SF

Parameter	Description	Test Method
Physical Character	White to yellowish fine granule	Visal
Identification	Positive reaction	FCC IX
Content(VC)	97.0%~98.0%	Titration
Particle Size	≥95%(20 meshes);≤20%(120mesh)	FCC IX
Heavy metals	≤10ppm	AAS
Arsenic	≤1ppm	AAS
Lead	≤0.5ppm	AAS
Mercury	≤0.1ppm	AAS
Cadmium	≤0.5ppm	AAS
Iron	≤2ppm	AAS
Loss on drying	≤0.3%	105°C/4hrs
Residue on ignition	≤0.1%	750°C/4hrs
Angle of repose	≤45°	FCC IX
Tapped Density	0.75~0.90g/ml	FCC IX
Bulk Density	0.65~0.75g/ml	FCC IX
Total plate count	≤500cfu/g	FCC IX
Yeast and molds	≤100cfu/g	FCC IX
Salmonella	Absence in 25g	FCC IX
E.Coli	Not detected	FCC IX
Staphylococcus aureus	Absence in 25g	FCC IX
Dissolution time	≤25mins	FCC IX
Package	25kg/ctns	
Storage	Store in cool,dry and well closed place	
Shelf-period	2 years	

