

Specification

Technical Data Sheet

Product Name	Mitomycin C
Product No	17545348
CAS Number	50-07-7
Storage Temperature	2 to 8 °C
Molecular Weight	334.33
	Specification
Appearance	Deep blue purple crystalline powder
Acetone	≤1000ppm
Grade	USP36
Heavy metals	≤0.003%
pH	6.0~7.5
Water	≤2.5%
Albomitomycin C	≤0.5%

Specification

Assay	≥970ug/mg
Crystallinity	Meets the requirements
Dichloromethane	≤100ppm
Ethyl acetate	≤1000ppm
For research use only, not for human use	For research use only, not for human use
Identity	The maximum absorptive wave is 357nm
Impurity A (cinnamamide)	≤0.5%
Methanol	≤3000ppm
Mitomycin A	≤0.5%
Mitomycin B	≤0.5%
Residue on Ignition	≤0.1%
Solubility	Slightly soluble in water, soluble in acetone ,in methanol, in butyl acetate, and in cyclohexanone
Total Impurities	≤2%
Any other impurity	≤0.5%
Bacterial Endotoxins EU / mg	≤10