

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	38485
Lot Number	002197-201006
Product	Mitomycin C from Streptomyces Ametycin
CAS Number	50-07-7
Molecular Formula	C ₁₅ H ₁₈ N ₄ O ₅
Molecular Weight	334.33

Appearance	Blue purple crystal powder
Solubility	Passes test
Crystallinity	Passes test
Water Content (Karl Fisher)	0.9%
pH	6.8
Residual Solvents	Acetone : Not detected Methanol : 1180 ppm Ethyl ether : Not detected Dichloromethane : 50 ppm
Related Substances	Impurity A : 0.12% Mitomycin A : 0.04% Mitomycin B : 0.06% Albomitomycin C : 0.08% Total impurities : 0.45% Any other unknown impurity : 0.12%
Assay	990 ug/mg (On dry basis)
Grade	suitable for cell culture
Storage	Store at 0 - 8 °C
Additional Information	Identification : Passes test

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager