

LANOSPHERMA LABORATORIES Co.,Ltd

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Flat C 4/F Civic Comm Bldg 165-167 Woosung ST Kowloon Hong Kong

CERTIFICATE OF ANALYSIS

分析报告

Name	Mitomycin C (CAS: 50-07-7)		
Specification	USP35	Batch No.	20130801
Expiry Date	2016-08-10	Quantity	100g

Item	Specification	Results
Appearance	Deep blue purple crystalline powder	Complies
Identification	A: Ultraviolet absorption:absorptivity at 357nm is not less than 95.0% and not more than 105.0%	Complies
	B: IR spectrum exhibits maxima only at the same wavelengths as that of a similar preparation of the reference standard	Complies
	C: The principal peak in chromatogram obtained with the test solution is similar in retention time and size to the principal peak in the chromatogram obtained with the reference solution	Complies
Solubility	Slightly soluble in water, soluble in acetone ,in methanol, in butyl acetate, and in cyclohexanone	Complies
Crystallinity	Meets the requirements	Complies
Water	≤2.5%	0.2%
pH	6.0~7.5	6.47
Acetone	≤5000ppm	410ppm
Methanol	≤3000ppm	790ppm
Ethyl Ether	≤5000ppm	210ppm
Residue on ignition	≤0.1%	0.06%
Heavy metals	≤0.003%	<0.003%
Assay	≥970ug/mg	985ug/mg

Conclusion: The product complies with requirement..



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