

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	00329
Product	Amphotericin B
Lot Number	001448-180229 Fungizone
CAS Number	1397-89-3
Molecular Formula	C ₄₇ H ₇₃ NO ₁₇
Molecular Weight	924.1
Appearance	Yellow powder
Solubility	Insoluble in water, anhydrous alcohol, ether, benzene, propylene glycol and in toluene. Soluble in dimethylsulphoxide, slight soluble in dimethylformamide, very slightly soluble in methanol
Odor	Practically odorless
pH	4.40
Yeast and Mold	Not detected in 1:10 dilution (TYMC)
Loss on Drying	3.75%
Residual Solvents	Methanol: 808 ppm Acetone: 205 ppm N,N-Dimethylformamide: 2776 ppm
Bacterial Endotoxins	< 1.0 EU/mg
E. Coli, Salmonella, S.Aureus	Absent
Microbial Count	30 cfu/g (TAMC)
Pseudomonas Aeruginosa	Absent
Related Substances	Amphotericin A: 0.0%
Residue On Ignition	0.09%
Assay	946 µg/mg (on dried basis)
Grade	USP
Storage	Store at 0-8 °C

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Additional Information

Identification:

UV absorbance in the range of 240 nm to 320 nm conforming to standard.

UV absorbance in the range of 320 nm to 400 nm conforming to standard.

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