

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	38472
<b>Product</b>	<b>Amphotericin B from Streptomyces species</b> Fungizone Amphotericin
<b>CAS Number</b>	1397-89-3
<b>Molecular Formula</b>	C <sub>47</sub> H <sub>73</sub> NO <sub>17</sub>
<b>Molecular Weight</b>	924.1

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<b>Appearance</b>	Yellow to orange powder
<b>Solubility</b>	Insoluble in water, anhydrous alcohol, ether, benzene, propylene glycol and in toluene. Soluble in dimethylsulphoxide, slight soluble in dimethylformamide, very slightly soluble in methanol
<b>Odor</b>	Odorless
<b>pH</b>	3.5 - 6.0
<b>Yeast and Mold</b>	≤ 10 cfu/g
<b>Loss on Drying</b>	≤ 5%
<b>Residual Solvents</b>	Methanol : ≤ 3000 ppm Acetone : ≤ 5000 ppm N,N-Dimethylformamide : ≤ 5000 ppm
<b>Bacterial Endotoxins</b>	≤ 5 EU/mg
<b>E. Coli, Salmonella, S.Aureus</b>	Absent
<b>Microbial Count</b>	≤ 100 cfu/g (TAMC)
<b>Pseudomonas Aeruginosa</b>	Absent
<b>Related Substances</b>	Limit of Amphotericin A : ≤ 5%
<b>Residue On Ignition</b>	≤ 0.5%
<b>Assay</b>	≥ 750 µg/mg (on dried basis)
<b>Grade</b>	suitable for cell culture
<b>Storage</b>	Store at 0 - 8 °C

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**For Laboratory Use Only**