

Certificate of Analysis

Date of Testing: 2024-10-23 13:19:43

Date of Next Testing: 2028-10-22 13:19:43

Product Name: **Nonactin from Streptomyces griseus var griseus**

CAS Number: 6833-84-7

Specifications & Purity: $\geq 96\%$, A mixture of Nonactin, Monactin and Dinactin

Lot #: J2418648

SKU #: **N139792**

Version: **1**

Analysis #: **416510**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Melting point	145-146 ($^{\circ}\text{C}$)	145.25000 $^{\circ}\text{C}$
Purity(HPLC)	96-100 (%)	96.90000 %
Appearance (N139792)	Colorless or White Needle-like Crystals, Powder	Colorless or White Needle-like Crystals, Powder
Solubility in DMSO/CH ₂ CL ₂	Clear colorless solution at 10mg/ml	Clear colorless solution at 10mg/ml
¹³ C NMR Spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager