

Certificate of Analysis

Date of Testing:	2024-11-27 17:19:34
Date of Next Testing:	2028-11-26 17:19:34
Product Name:	Cordycepin
CAS Number:	73-03-0
Specifications & Purity:	Moligand™, ≥98%
Lot #:	K2422321
SKU #	C110081
Version	3
Analysis #:	247825
Storage Temperature:	Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	224-228 (°C)	226.66000 °C
Purity(HPLC)	98-100 (%)	99.75500 %
Water by Karl Fischer	0-2 (%)	1.01 %
Elemental Anal. (%C anhydrous)	47.3-48.3 (%)	47.39 %
Elemental Anal. (%N anhydrous)	27.38-28.38 (%)	27.43 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)(calcd.on anh.substance)	-48--42 (°)	-43.31 °
Appearance (C110081)	White to Yellow Cast Powder	White to Yellow Cast Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in NH ₄ OH 1N	Clear	Clear
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager