

## Certificate of Analysis

Date of Testing: 2023-09-26 10:09:46  
Date of Next Testing: 2027-09-25 10:09:46  
Product Name: **Cordycepin**  
CAS Number: 73-03-0  
Specifications & Purity: 98%  
Lot #: I2321092  
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] <sub>20</sub> /D(c=1 in H <sub>2</sub> 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 <sub>4</sub> OH 1N	Clear	Clear
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager