

## Certificate of Analysis

Date of Testing: 2022-03-04 13:41:46  
 Date of Next Testing: 2026-03-03 13:41:46  
 Product Name: **Cordycepin**  
 CAS Number: 73-03-0  
 Specifications & Purity: 98%  
 Lot #: B2225371  
 SKU #: **C110081**  
**Analysis:** **058478**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Elemental Anal. (%C anhydrous)	47.3-48.3 (%)	47.47%
Elemental Anal. (%N anhydrous)	27.38-28.38 (%)	27.74%
Specific Rotation [α] <sub>20</sub> /D(c=1 in H <sub>2</sub> O)(calcd.on anhydrous substance)	-48--42 (°)	-47.18°
Melting point	224-228 (°C)	226.31000 °C
Purity(HPLC)	98-100 (%)	98.55900%
Water by Karl Fischer	0-2 (%)	1.60%
Appearance (C110081)	White to Yellow Cast Powder	White to Yellow Cast Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in NH <sub>4</sub> OH 1N	Clear ,19.60 - 20.40 mg/ml	Clear ,19.60 - 20.40 mg/ml



John Su  
QA & QC Manager