

## Certificate of Analysis

Date of Testing: 2023-03-03 18:41:53  
 Date of Next Testing: 2027-03-02 18:41:53  
 Product Name: **Cordycepin**  
 CAS Number: 73-03-0  
 Specifications & Purity: 98%  
 Lot #: B2328530  
 SKU #: **C110081**  
**Analysis:** **182947**  
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation [α] <sub>D</sub> <sup>20</sup> (c=1 in H <sub>2</sub> O)(calcd.on anhydrous substance)	-48--42 (°)	-42.94°
Melting point	224-228 (°C)	225.62000 °C
Purity(HPLC)	98-100 (%)	99.88800 %
Water by Karl Fischer	0-2 (%)	1.12 %
Elemental Anal. (%C anhydrous)	47.3-48.3 (%)	47.70 %
Elemental Anal. (%N anhydrous)	27.38-28.38 (%)	27.60 %
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