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Product Specification

Product Name:
Cordycepin - from Cordyceps militaris

Product Number: C3394
CAS Number: 73-03-0

Formula: C₁₀H₁₃N₅O₃
Formula Weight: 251.24 AMU

TEST	Specification
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Appearance (Form)	Powder
Appearance (Colour)	White to White w/ Yellow Cast
Solubility (Solvent)	NH ₄ OH 1N
Solubility (Conc)	19.60 - 20.40 mg/ml
Solubility (Heating)	Yes
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Elemental Anal. (%C anhydrous)	47.30 - 48.30 %
Elemental Anal. (%N anhydrous)	27.38 - 28.38 %
NMR (Solvent)	DMSO-d ₆
Identity by NMR	Consistent
Purity (HPLC)	≥ 98.0 %
UV (Solvent)	Ethanol
UV (Lambda max)	258 - 262 nm
UV (EmM at Lambda max)	13.00 - 15.00
Recommended Retest Period	-----
3 Years	

Specification: PRE.1.ZQ5.10000001173

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.