

QUALITY SPECIFICATION

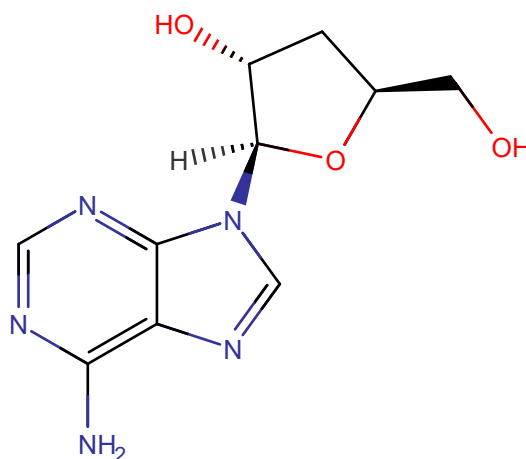
Cordycepin

Catalog No.: NST-10-157

CAS No.: 73-03-0

Molecular formula: $C_{10}H_{13}N_5O_3$

MW: 251.24



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Positive	UV&NMR
4.	Assay	≥98.0%	HPLC
5.	Water	≤1.0 %	Karl Fischer titration
6.	Loss on drying	≤1.0 %	In house
7.	Specific optical rotation	-47° to -51°	Polarimeter
8.	Solvent residues	USP<467>	GC
9.	Heavy Metals	≤10 ppm	ICP-MS
10.	Lead	≤2 ppm	ICP-MS
11.	Arsenic	≤1 ppm	ICP-MS
12.	Mercury	≤0.1 ppm	ICP-MS
13.	Cadmium	≤1 ppm	ICP-MS
14.	TPC	Not more than 10 ³ CFU/g	ISO 6579:2002

15.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002
16.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
17.	<i>Salmonella</i>	Absent	ISO 6579:2002
18.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: store in a cool & dry place, keep away from strong light and heat

Stability: 24 months when properly stored