

## CERTIFICATE OF ANALYSIS

### Organic Cordyceps Extract

Product name: Organic/Bio Cordyceps  
militaris extract 30

Latin name: Cordyceps militaris

Batch No: **AEORCM300719**

Batch Quantity: 600kg

Manufacture date: 18.07.2019

Analysis date: 23.10.2019

### ASSAY

Part used	<b>Fruiting Bodies</b>
Solvent Used	Water
Country of Origin	China
Certification	Organic
Storage	In a cool and <u>dry</u> place, away from direct sunlight. Keep tightly closed.
Shelf Life	<u>48 months</u> when properly stored.
GMO	NO
Irradiation	NO
Allergens	Free from allergens or allergens cross contamination as per Regulation (EU) No <a href="#">1169/2011</a>

### Physical & Chemical Character

Parameter	Standard Specification	TEST RESULTS	METHOD
Colour	Yellow-brown	Conform	Organoleptic
Odour	Mushrooms	Conform	Organoleptic
Appearance	Fine Powder	Conform	Organoleptic

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### Analytical Quality

Parameter	Standard Specification	Test results	Method
Identification	Identical to sample	Identical	HPTLC
Sieve Analysis	100% through mesh 100	Conform	USP36<786>
Polysaccharides	30%	31.4%	CP2015-UV
Beta Glucans	15%	16.02%	Megazyme K-YBGL
Adenosine	0.5%	0.53%	CP2015-UV
Loss on Drying	<7%	4.84%	Eur.Ph.7.0 [2.8.17]
Total Ash	<9%	6.01%	Eur.Ph.7.0 [2.4.16]

### Contaminants

Contaminant	STANDARD	TEST RESULTS	METHOD
Lead (Pb)	<0.1 µg/kg	Conform	Eur.Ph.7.0<2.2.58>ICP-MS
Arsenic (As)	<0.1 µg/kg	Conform	Eur.Ph.7.0<2.2.58>ICP-MS
Cadmium (Cd)	<0.1 µg/kg	Conform	Eur.Ph.7.0<2.2.58>ICP-MS
Mercury (Hg)	<0.01 µg/kg	Conform	Eur.Ph.7.0<2.2.58>ICP-MS
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Conform	Eur.Ph 7.0<2.4.24>
Pesticides Residue	Meet USP Requirements	Conform	USP36<561>

### Microbiological

ITEM	SPECIFICATION	TEST RESULTS	METHOD
Total Plate Count	<1000 cfu/g	Conform	USP36<61>
Yeast & Mold	<25cfu/g	Conform	USP36<61>
E.Coli.	Negative	Conform	USP36<62>
Salmonella	Negative	Conform	USP36<62>

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Quality Assurance/Quality Control