

CERTIFICATE OF ANALYSIS

1. General Description

Product Name	Cordyceps Militaris Extract
Latin Name	<i>Cordyceps militaris</i>
Part used	Fruiting body
Batch No.	SOST2024052309
Production process	The product is prepared from cordyceps militaris fruiting body, by coarse grinding, water extraction, filtering, concentrating, sterilizing, spray drying & sieving, blending & sieving, metal detecting and packing in accordance with Good Manufacturing Practices (GMPs).
GMO Status	GMO free
Irradiation	Not irradiated or per customer's requirement.
Additive	No artificial preservatives, flavors or colors.
Country of Origin	China

2. Organoleptic quality

Color	Brown to yellowish brown powder
Identity	HP-TLC; Botanical reference
Particle Size	95% through 80 mesh
Flavor	Typical of cordyceps militaris extract, no off flavor

3. Physical quality

Item	Specification	Testing method
Cordycepin	>1.0 %	HPLC
Moisture	<7.0 %	GB 5009.3
Total Ash	<9.0 %	GB 5009.4

4. Chemical quality

Item	Limits	Testing method
Arsenic	<1.0 mg/kg	BS EN ISO 17294-2/ICP-MS
Lead	<1.0 mg/kg	BS EN ISO 17294-2/ICP-MS
Mercury	<0.1 mg/kg	BS EN 13806/AAS
Cadmium	<1.0 mg/kg	BS EN ISO 17294-2/ICP-MS

5. Microbiological quality

Item	Limits	Testing method
Total Plate Count	<3,000 cfu/g	GB 4789.2
Mold	<100 cfu/g	GB 4789.15
Yeast	<100 cfu/g	GB 4789.15
Coliforms	<10 cfu/g	GB 4789.3
Salmonella	Negative/25g	GB 4789.4/ISO 6579-1
Staphylococcus	Negative/25g	GB 4789.10
E.coli	Negative/g	GB 4789.38/ISO 7251

6. Packaging

25kg/Drum (40*50cm) Or 5kg*2 bag/Carton (50*30*20cm) Two-layer PE transparent bag inside and bucket outside.

7. Storage and shipping demands

Product should be stored and shipped in cool & dry place away from moisture, light, heat.

8. Shelf life: 2Years.

QC MANAGER:Feng Li

ANALYST:Guo Shan


