

CERTIFICATE OF ANALYSIS

Product Name	Cistanche Tubulosa Extract	Specification	Company Standard
Part used	Root and stem	Manufacture Date	2024.8.4
Quantity	100KG	Analysis Date	2024.8.11
Batch No.	BF-240804	Expiry Date	2026.8.3
Items	Specifications		Results
Assay			
Phenylethanol glycosides	≥80%(UV)		81.5%
Echinacoside	≥22%(HPLC)		23.0%
Verbascoside	≥8%(HPLC)		9%
Physical&Chemical Data			
Appearance	Brown yellow powder		Conforms
Odor	Characteristic		Conforms
Particle Size	≥95% pass 80 mesh		Conforms
Lead (Pb)	≤2.00ppm		Conforms
Arsenic (As)	≤2.00ppm		Conforms
Total Heavy Metal	≤10ppm		Conforms
Pesticide Residues			
Benzene hexachloride	≤0.1ppm		Conforms
Dichlorodiphenyl Trichloroethane	≤0.1ppm		Conforms
Pentachloronitrobenzene	≤0.1ppm		Conforms
Loss on Drying(%)	≤5.0%		2.9%
Ash(%)	≤3.0%		1.2%
Microbiological Test			
Total Plate Count	<1000cfu/g		Conforms
Yeast & Mold	<100cfu/g		Conforms
E.Coli	Negative		Negative
Salmonella	Negative		Negative
Package	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Conclusion	Sample Qualified.		

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