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Certificate of Analysis

Product name	10% Astragaloside IV		
CAS No:	84687-43-4	Used part	Root
Plant Latin name	Astragalus membranaceus	Manu. Date	2025-03-15
Batch Number	NT250315	Analysis Date	2025-03-18
Batch Size	560kg	Retest Date	2027-03-14
Packing	25kg/drum		
Storage Condition	Preserve in air- tight containers at controlled room temperature, keep away from light		

Item	Specification	Result	Method
Maker Compounds	Astragaloside IV \geq 10.00%	10.94%	HPLC-RID
Organoleptic			
Identification/	Meet test	Conforms	TLC, HPLC
Appearance	Brown Yellow Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Organoleptic
Physical Characteristics			
Particle Size	100%Through 80 mesh	Conforms	GB5507-85
Loss on Drying	\leq 3.00%	0.99%	CP2020
Ash content	\leq 0.50%	0.04%	CP2020
Pesticide Residue	Negative/不得检出	Conforms	CP2020
Heavy metals			
Total Heavy Metals	\leq 2ppm	Conform	Atomic Absorption
Pb	\leq 0.5ppm	0.092ppm	Atomic Absorption
As	\leq 0.5ppm	0.042ppm	Atomic Absorption
Hg	\leq 0.1 ppm	0.0018ppm	Atomic Absorption
Cd	\leq 0.1ppm	0.0022ppm	Atomic Absorption
Microbiological Tests			
Total bacteria count	\leq 1000cfu/g	Conforms	AOAC
Yeast & Moulds	\leq 100cfu/g	Conforms	AOAC
E.Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Pseudomonas aeruginosa	Negative	Negative	AOAC
Staphylococcus aureus	Negative	Negative	AOAC
Conclusion:	Conforms		
Tested by:	Long Yuande	Approved by:	Zeng Rong

