

CERTIFICATE OF ANALYSIS

Product and Batch Information

Product Name:	Alfalfa extract	Country of Origin:	P. R. China
Botanic Name:	<i>Medicago sativa L.</i>	Batch No.:	2026020715
Part Used:	Herb	Manufacture Date:	2026-02-07
Solvent Used:	Ethanol & Water	Analysis Date:	2026-02-07
Ananalysis:	500kg		
Analysis Item	Specification	Result	Test Method

Active Ingredieints

Chlorophyll	NLT 30%	30.16%	UV
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Physical Control

Identification	Positive	Complies	TLC
Appearance	Yellow green to brown green powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Taste	Characteristic	Complies	Organoleptic
Sieve Analysis	NLT 95% pass 80 mesh	Complies	80 Mesh Screen
Loss on Drying	5% Max	2.85%	5g/105°C/5hrs
Ash	10% Max	3.57%	2g/525°C/5hrs

Chemical Control

Arsenic (As)	NMT 2ppm	Complies	Atomic Absorption
Cadmium(Cd)	NMT1ppm	Complies	Atomic Absorption
Lead (Pb)	NMT3ppm	Complies	Atomic Absorption
Mercury(Hg)	NMT0.1ppm	Complies	Atomic Absorption
Heavy Metals	10ppm Max	Complies	Atomic Absorption
Pesticides Residues	NMT 1ppm	Complies	Gas Chromatography
Benzo(a)pyrene	10ppb Max	Complies	Gas Chromatography
PAH	50ppb Max	Complies	Gas Chromatography
Irradiation status	Non irradiation	Complies	

Microbiological Control

Total Plate Count	10000cfu/g Max	Complies	CP2005
P.aeruginosa	Negative	Complies	CP2005
S. aureus	Negative	Complies	CP2005
Salmonella	Negative	Complies	CP2005
Yeast & Mold	100cfu/g Max	Complies	CP2005
E.Coli	Negative	Negative	CP2005

Packing and Storage

Packing	25kg/drum Packing in paper-drums and two plastic-bags inside.		
Storage	Store in a well-closed container away from moisture.		
Shelf Life	3 years if sealed and store away from direct sun light.		
Expiration Date	2029-02-06		



Analyst: Jinxuejun

QC manager: Qibinbin

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