



Innovating Botanical Health

Address: Chengnan Road, Huaxi Subdistrict, Changxing
County, Huzhou City, Zhejiang Province, 313100, China

Certificate of Analysis

Product Name: Melilotus officinalis Pallas extract

Batch No.: 260602

Country of Origin: P. R. China

Botanical Source: Melilotus suaveolens Ledeb

Plant Parts: Seed

Manufacture Date: Jun.. 02, 2026

Analysis Date: Jun.08, 2026

Non-Irradiated/Non-ETO/Treat by Heat only

Analysis Item	Specification	Result	Method
Coumarin	1%	1.21%	HPLC
Appearance	Brown powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Powder Size	≥ 95% through 80 mesh	Complies	80 mesh screen
Bulk Density	0.40 – 0.60 g/mL	0.50 g/mL	CP2015
Loss on Drying	≤ 5.0%	2.56%	CP2015
Total Heavy Metals	≤ 10 µg/g	<10 µg/g	CP2015
Arsenic (As)	≤ 2.0 µg/g	< 0.95 µg/g	AAS
Cadmium (Cd)	≤ 1.0 µg/g	< 0.8 µg/g	AAS
Lead (Pb)	≤ 2.0 µg/g	< 0.77 µg/g	AAS
Mercury (Hg)	≤ 0.1 µg/g	< 0.05 µg/g	AAS
Total Plate Count	≤ 1000 cfu/g	< 1000 cfu/g	CP2015
Molds and Yeasts	≤ 100 cfu/g	< 100 cfu/g	CP2015
<i>Salmonella</i>	Absence	Complies	CP2015
<i>E. Coli</i>	Absence	Complies	CP2015
<i>Staphylococcus</i>	Absence	Complies	CP2015

Packing: 25 kg/drum, packing in paper-drums and two sealed plastic-bags inside.

Storage: Store in a well-closed container away from moisture, direct light and heat.

Expired date: Re-test after two years from the manufacturing date.

Conclusion: Conform to Specification.