



CERTIFICATE OF ANALYSIS

Product Name	Echinacea Extract	Botanical Source	<i>Echinacea purpurea</i>
Used Part	Aerial Part	Product Code	NT-635
Batch	NT20250719	Manufacture Date	2025-07-19
Test Date	2025-07-20	Expiry Date	2027-07-18

Item	Specification	Result
Odour	Characteristic	Complies
Appearance	Brown Yellow Powder	Complies
Partical Size	95% through 80 mesh	98%
Total Ash	≤20.0%	10.30%
Acid insoluble ash	≤2.0%	0.25%
Loss on Drying	≤5.0%	3.85%
Bulk Density	70-90g/100ml	82.4g/100ml
Assay(Polyphenols)	7.0%(UV)	7.10%
Extraction Solvent	Ethanol & Water	Complies
Total Heavy Metals	≤10.0ppm	<10ppm
Pb	≤2.0ppm	<2.0ppm
As	≤1.0ppm	<1.0ppm
Cd	≤0.2ppm	<0.2ppm
Hg	≤0.1ppm	<0.1ppm
Total Plate Count	≤1000cfu/g	Complies
Yeast & Mold	≤100cfu/g	Complies
E Coli	Negative	Negative
Salmonella	Negative	Negative
Staphylococcus	Negative	Negative

Analyzed by: Guo Shan

Approved by: Feng Li

