



Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

Product Name	Echinacea Extract 4% Chicoric Acid		
Used part	Overground Part		
Batch Number	2024032501GS	Manufacture Date	March 25 2024
Report Date	March 28 2024	Expiry Date	March 24 2026
Item	Specification	Result	Method
Assay	Chichoric acid $\geq$ 4%	4.04%	HPLC
Organoleptic			
Appearance	Fine Powder	Conforms	Visual
Color	Brownish yellow	Conforms	Visual
Odor	Characteristic	Conforms	Visual
Taste	Characteristic	Conforms	Visual
Drying Method	Spray drying	Conforms	
Physical Characteristics			
Particle Size	100%Through 80 mesh	Conforms	CP2015
Loss on Drying	$\leq$ 5.00%	3.82%	CP2015
Acid insoluble ash	$\leq$ 5.00%	2.84%	CP2015
Heavy Metals			
Total Heavy Metals	$\leq$ 10ppm	Conforms	AAS
Arsenic	$\leq$ 1ppm	Conforms	ICP-MS
Lead	$\leq$ 0.5ppm	Conforms	ICP-MS
Cadmium	$\leq$ 0.5ppm	Conforms	ICP-MS
Mercury	$\leq$ 0.1ppm	Conforms	ICP-MS
Microbiological Tests			
Total Plate Count	$\leq$ 1000cfu/g	Conforms	CP2015
Total Yeast&Mold	$\leq$ 100cfu/g	Conforms	CP2015
E.Coli	Negative	Negative	CP2015
Storage:Store in tight, light-resisant containers,avoid exposure to direct sunlight, moisture and excessive heat.			
Shelf Life: 24 months if store under the conditions above and stay in original packaging.			

Quality Assurance: Liang Yan

