



Xi'an Green Spring Technology Co.,Ltd

### Certificate of Analysis

Product Name	Feverfew Extract	CAS.	20554-84-1
Botanical Source:	Tanacetum parthenium	Part Used	Flower
Batch Number:	2024032901GS	Batch Quantity	100kgs
Manufacture Date	Mar.29,2024	Analysis Date:	Mar.31,2024
<b>Analysis Items</b>	<b>Specifications</b>	<b>Results</b>	<b>Test Method</b>
Assay	Parthenolide $\geq$ 1%	1.3%	HPLC
Physical and chemical properties			
Appearance	Brown powder	Conforms	Organoleptic
Odour	Slight, Specific	Conforms	Organoleptic
Solubility	Insoluble in water		
Particle Size	$\geq$ 100% Through 80 mesh	Conforms	Ch.P.C.Rule47
Ash	$\leq$ 0.5%	0.25%	Ch.P.C.Rule2302
Loss on drying	$\leq$ 5.0%	2.64%	Ch.P.C.Rule52
Heavy Metals	$\leq$ 10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	$\leq$ 1ppm	Conforms	Atomic Absorption
Mercury(Hg)	$\leq$ 0.1ppm	Conforms	Atomic Absorption
Arsenic(As)	$\leq$ 2ppm	Conforms	Atomic Absorption
Lead(Pb)	$\leq$ 2ppm	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	$\leq$ 5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count	$\leq$ 1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count	$\leq$ 100 CFU/g	Conforms	Ch.P.C.Rule80
E.coli	Negative	Negative	Ch.P.C.Rule80
Salmonella	Negative	Negative	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Negative	Ch.P.C.Rule80
Conclusion:Conform with specification.			
Storage: Keep in cool & dry place. Keep away from strong light and heat.			
Packing: By 25kgs/Drum,inner by plastic bag.			
Shelf life: Two Years under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

