



Xi'an Green Spring Technology Co.,Ltd

### Certificate Of Analysis

Product Name:	Coptis Chinensis Extract	Batch Number:	2024052301GS
Botanical Source:	Coptis Chinensis	Manufacture Date:	May, 23,2024
Plant Part Used:	Root	Analysis Date:	May, 272024
Quantity:	450kgs	Expire Date:	May, 22,2026
Berberine Hydrochloride	≥98%	98.3%	HPLC
Physical & Chemical			
Appearance	Yellow Fine Powder	Complies	Visual
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle Size	98% through 80mesh	Complies	USP<786>
Loss on drying	≤5.0%	1.91%	USP<731>
Ash	≤5.0%	2.78%	USP<281>
Heavy Metal			
Pb	≤2.0ppm	0.290ppm	ICP-MS
As	≤2.0ppm	0.315ppm	ICP-MS
Cd	≤1.0ppm	0.238ppm	ICP-MS
Hg	≤0.5ppm	0.072ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤1,000cfu/g	<300cfu/g	AOAC
Yeast & Mold	≤100cfu/g	<52cfu/g	AOAC
E.Coli	Negative	Complies	AOAC
Salmonella	Negative	Complies	AOAC
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

