



Xi'an Green Spring Technology Co.,Ltd

Certificate Of Analysis

Product Name:	Berberine	Batch Number:	CY202201113
Botanical Source:	Coptis chinensis Franch.	Manufacture Date:	Nov.13,2022
Part Used:	Root	Analysis Date:	Nov.17,2022
Quantity:	560kgs	Expire Date:	Nov.12,2024
ITEM	STANDARD	TEST RESULT	TEST METHOD
Berberine	≥97%	97.58%	HPLC
Physical & Chemical			
Appearance	Yellow Powder	Complies	Visual
Odor & Taste	Characteristic	Complies	Organoleptic
Particle Size	95% Pass 80 mesh	Complies	USP<786>
Loss on drying	≤5.0%	3.56%	USP<731>
Ash	≤5.0%	3.38%	USP<281>
Heavy Metal			
Pb	≤2.0ppm	0.510ppm	ICP-MS
As	≤2.0ppm	0.115ppm	ICP-MS
Cd	≤1.0ppm	0.218ppm	ICP-MS
Hg	≤0.5ppm	0.062ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤10.00cfu/g	613cfu/g	AOAC
Yeast and Mould	≤100cfu/g	42cfu/g	AOAC
E.Coil	Negative	Negative	AOAC
Salmonella	Negative	Negative	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

