



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Valerian Extract	Batch Number:	2024040902GS
Source:	Valeriana officinalis L.	Manufacture Date:	Apr.9,2024
Plant Part Used:	Root	Analysis Date:	Apr.11,2024
Quantity:	803kgs	Expire Date:	Apr.8,2026
Ratio	10:1	10:1	TLC
Physical & Chemical			
Appearance	Brown powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Particle Size	100% through 80mesh	Complies	USP<786>
Loss on Drying	≤5.0%	2.56%	USP<731>
Extract Solvent	Ethanol & Water	Complies	
Solvent Residual	Meet USP standard	Complies	USP<476>
Heavy Metal			
Pb	≤3.0ppm	0.230ppm	ICP-MS
As	≤2.0ppm	0.015ppm	ICP-MS
Cd	≤1.0ppm	0.038ppm	ICP-MS
Hg	≤0.5ppm	0.072ppm	ICP-MS
Microbiological Test			
Total Plate Count	≤10,00cfu/g	514cfu/g	AOAC
Yeast & Mold	≤1,00cfu/g	37cfu/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

