



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Ivy Leaf Extract	Batch Number:	2023112602GS
Botanical Source:	Hedera Helix L.	Manufacture Date:	Nov.26,2023
Plant Part Used:	Leaf	Analysis Date:	Nov.29,2023
Quantity:	346 kgs	Expire Date:	Nov.26,2025
Item	Standard	Test Result	Test Method
Hederagenin	≥5.0%	5.12%	HPLC
Physical & Chemical			
Appearance	Brownish fine powder	Complies	Visual
Identification	Positive	Complies	TLC
Odor & Taste	Characteristic	Characteristic	Organoleptic
Particle Size	95% pass 80 mesh	Complies	USP<786>
Loss on Drying	≤5.0%	4.56%	USP<731>
Ash	≤5.0%	2.13%	USP<281>
Heavy Metal			
Total heavy metal	≤10.0ppm	Complies	ICP-MS
Pb	≤1.0ppm	Complies	ICP-MS
As	≤1.0ppm	Complies	ICP-MS
Cd	≤0.5ppm	Complies	ICP-MS
Hg	≤0.1ppm	Complies	ICP-MS
Microbiological Test			
Total Plate Count	≤1,000cfu/g	<400cfu/g	AOAC
Yeast & Mold	≤100cfu/g	<30cfu/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

