



XI'AN BIOF BIO-TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product Name	Sophora Flavescens Extract	Batch No.	BF-241110
Manufacture Date	20241110	Report Date	20241117
Expiry Date	20261109	Batch Quantity	500kg
Part Used	Root	Country of Origin	China
Test Item	Specification	Test Result	Test Methods
Appearance	White powder	Complies	GJ-QCS-1008
Odor & Taste	Characteristic	Complies	GB/T 5492-2008
Assay	≥98%Matrine	98.6%	HPLC
Particle Size	95.0%pass 80 mesh	Complies	GB/T 5507-2008
Moisture	<5.0%	2.24%	GB/T 14769-1993
Ash	<5.0%	3.21%	AOAC 942.05,18th
Total Heavy Metals	<10.0 ppm	Complies	USP<231>,method II
Pb	<2.0 ppm	Complies	AOAC 986.15,18th
As	<2.0 ppm	Complies	AOAC 971.21,18th
Cd	<2.0 ppm	Complies	/
Hg	<2.0 ppm	Complies	AOAC 990.12,18th
Total Plate Count	≤10000cfu/g	Conforms	AOAC 986.15,18th
Total Yeast&Mold	≤1000cfu/g	Conforms	FDA(BAM)Chapter 18, 8th Ed.
E.Coli	Negative	Negative	AOAC 997.11 ,18th
Salmonella	Negative	Negative	FDA(BAM)Chapter 5, 8th Ed
Shelf Life	Two years if sealed and store away from direct sun light.		
Conclusion	The product meets the testing requirements by inspection		

Analyst: Jiayan Yang

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Manager: Xiaoyu Wang

