

CERTIFICATE OF ANALYSIS

Product Name	Usnic acid	Specification	Company Standard
CAS	125-46-2	Manufacture Date	2024.8.8
Quantity	100KG	Analysis Date	2024.8.15
Batch No.	BF-240808	Expiry Date	2026.8.7
Items	Specifications		Results
Appearance	Yellow Powder		Conforms
Identification	Positive		Positive
Assay(%)	98.0%-101.0%		98.8%
Specific Optical Rotation [α] _D 20	-16.0° ~18.5°		-16.1°
Moisture(%)	≤1.0%		0.25%
Ash(%)	≤0.1%		0.09%
Residue Analysis			
Lead (Pb)	≤1.00mg/kg		Conforms
Arsenic (As)	≤1.00mg/kg		Conforms
Cadmium (Cd)	≤1.00mg/kg		Conforms
Mercury (Hg)	≤0.1mg/kg		Conforms
Total Heavy Metal	≤10mg/kg		Conforms
Microbiological Test			
Total Plate Count	<3000cfu/g		Conforms
Yeast & Mold	<50cfu/g		Conforms
E.Coli	≤0.3cfu/g		Negative
Salmonella	Negative		Negative
Package	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Conclusion	Sample Qualified.		

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