

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Shikimic Acid		
<b>Batch Number</b>	20221025	<b>Manufacture Date</b>	20221025
<b>Report Date</b>	20221025	<b>Expiry Date</b>	20241024

Item	Specification	Result	Method
<b>Basic Product Information</b>			
Genus and Species	Illicium verum Hook.f.	Conform	/
Part of the Plant	Seeds	Conform	/
Country of Origin	China	Conform	/
<b>Organoleptic Data</b>			
Assay(Shikimic Acid)	98%	99.12%	HPLC
Appearance	Fine powder	Conform	HE-QCS-1008
Color	White	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
<b>Process Data</b>			
Method of Processing	Extraction	Conform	/
Solvent(s) Used	Water & Ethanol	Conform	/
Drying Method	Vacuum drying	Conform	/
Excipient	None	Conform	/
<b>Physical Characteristics</b>			
Particle Size (80 mesh)	98.0%pass 80mesh	Conform	GB/T 5507-2008
Loss on Drying	<1.0%	0.66%	GB/T 14769-1993
Ash Content	<1.0%	0.46%	AOAC 942.05, 18th
Solvent Residue	Eur. Pharm	Conform	HE-QCS-1007
<b>Heavy Metals</b>			
Total Heavy Metals	<10ppm	Conform	USP <231>, method II
As	<2.0ppm	Conform	AOAC 986.15, 18th
Pb	<2.0ppm	Conform	AOAC 986.15, 18th
Cd	<0.5ppm	Conform	AOAC 986.15, 18th
Hg	<0.5ppm	Conform	AOAC 971.21, 18th
<b>Microbiology</b>			
Total Plate Count	<1,000cfu/g	Conforms	AOAC 990.12, 18th
Yeast & Mold	< 100cfu/g	Conforms	(BAM) Chapter 18, 8th Ed.
E. Coli	<3MPN/g	<3MPN/g	AOAC 997.11, 18th
Salmonella	Salmonella nil/25g	Salmonella nil/25g	(BAM) Chapter 5, 8th Ed.

**Storage:** Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

**Shelf Life:** 24 months if store under the conditions above and stay in original packaging.

Specializing in Cosmetics Ingredients and Nutritional Supplement Ingredients

[www.aogubio.com](http://www.aogubio.com)

