



## Certificate of Analysis

Product Name	Shikimic Acid (SA) Powder		
INCI Name:	SHIKIMIC ACID		
CAS	138-59-0		
MF	C7H10O5		
EINECS	205-334-2		
Plant Latin	<i>Illicium verum Hook.f.</i>	Used part	Seeds
Country of Origin	The plant material originated from Xinjiang, China.	Batch Quantity	525 kg
Batch Number	20260605	Manufacture Date	20260605
Report Date	20260605		

	Specifications	Results	Test Method
<b>Physical and Chemical Analysis</b>			
Appearance	White Fine powder	Complies	Organoleptic examination
Odor	Characteristic	Conform	Organoleptic examination
Taste	Characteristic	Conform	Organoleptic examination
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	100% pass 80 mesh	80MESH	USP <786> / Sieve analysis
Loss on Drying	≤ 1.0%	0.66%	USP <731> / Ph.Eur. 2.2.32
Total ash	≤ 1.0%	0.46%	USP<561>
Solvent Residue	Eur. Pharm	Conform	HE-QCS-1007
<b>Heavy Metals (ICP-MS)</b>			
Total Heavy Metals	<10ppm	Conform	ICP-MS
Lead (Pb)	≤ 10 ppm	<0.5 ppm	ICP-MS
Arsenic (As)	≤ 2 ppm	<0.1 ppm	ICP-MS
Cadmium (Cd)	≤ 1 ppm	<0.1 ppm	ICP-MS
Mercury (Hg)	≤ 1 ppm	<0.05 ppm	ICP-MS
<b>Microbial Limits</b>			
Total Aerobic Microbial Count	≤ 1000 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
Total Yeast and Mold Count	≤ 100 CFU/g	<10 CFU/g	USP <61> / Ph. Eur. 2.6.12
E. coli	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13
Salmonella spp.	Absent in 10g	Absent	USP <62> / Ph. Eur. 2.6.13
Pseudomonas aeruginosa	Absent in 1g	Absent	USP <62> / Ph. Eur. 2.6.13

Quality Statement: This product is manufactured under a quality system compliant with cGMP principles for both food and cosmetic applications. Specifications and test methods are established with reference to the relevant ISO Standards, Chinese National Standards (GB), United States Pharmacopeia (USP), and European Pharmacopoeia (Ph. Eur.).

For cosmetic use, the batch fully complies with the requirements of EU Cosmetic Regulation (EC) No 1223/2009, China's Safety Technical Standards for Cosmetics (2015 Edition), and U.S. FDA cosmetic GMP guidelines. For food use, the batch meets the applicable requirements of China's national food safety standards (including GB 2762, GB 2763, GB 7101) and the U.S. FDA Food Safety Modernization Act (FSMA) and applicable food additive regulations.

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

Shelf Life: 24 months if stored under the above conditions and remains in original packaging.

