

CERTIFICATE OF ANALYSIS

Product Name	KOJIC ACID DIPALMITATE		
CAS NO.	79725-98-7		
Molecular Weight	618.93	Molecular Formula	C38H66O6
Batch Number	20250212	Manufacture Date	20250212
Report Date	20250212	Expiry Date	20270211

Item of Analysis	Specification	Results
Assay	≥98.0%	98.06%
Organoleptic		
Appearance	Powder	Conforms
Color	White sheet crystals	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Physical Characteristics		
Melting point	92~96°C	95.2-95.8°C
Loss on drying	≤0.5%	0.09%
Ignition residue	≤0.5%	0.05%
Color reaction of ferric chloride	Negative	Negative
Heavy metals		
Heavy metal	≤10 ppm	<10 ppm
Lead (Pb)	≤2 ppm	<2 ppm
Arsenic (As)	≤2 ppm	<2 ppm
Cadmium (Cd)	≤2 ppm	<2 ppm
Mercury (Hg)	≤1 ppm	<1 ppm
Pathogen	Bacteria: ≤300cfu/g Fungus: ≤100cfu/g	<100 <50
Microbiological Tests		
Count of Bacteria	1000cfu/g Max	Conforms
Yeast & Mold	100cfu/g Max	Conforms
Salmonella enteritidis	Negative	Negative
Shigella	Negative	Negative
Staphylococcus aureus	Negative	Negative
Beta Hemolytic streptococcus	Negative	Negative

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.

