



Certificate of Analysis

Product Name	Resveratrol	CAS No.	501-36-0
Lot No.	KTRES260529	Product Grade	Food Grade
Manufacture Date	2026/05/29	Batch Quantity	532kg
Expiry Date	2028/05/28	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Trans-Resveratrol)	≥98%	99.12%	HPLC
Emodin	≤0.5%	N.D	HPLC
Identification	Must conform to trans-resveratrol reference standard	Complied	TLC
Physical and chemical properties			
Appearance	Off-white to slightly yellow powder	Conforms	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Colour	Off-white	Conforms	Organoleptic
Particle Size	≥95% Through 80 mesh	Conforms	Graduated cylinder
Bulk Density	0.25 – 0.45 g/mL	0.317 g/mL	USP <616> Method I
Loss on drying	≤1.0%	0.38%	Drying Method
Ash	≤1.0%	0.22%	Incineration Method
Heavy Metals	≤10.0ppm	Conforms	USP <231> Method II
Arsenic(As)	≤1.0ppm	Conforms	ICP-MS
Lead(Pb)	≤1.0ppm	Conforms	ICP-MS
Mercury(Hg)	≤0.3ppm	Conforms	AAS
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤10,000 CFU/g	Conforms	USP <61>
Mold and yeast Count,cfu/g	≤1,000 CFU/g	Conforms	USP <61>
E. coli	Negative	Conforms	USP <62>
Salmonella	Negative	Conforms	USP <62>
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.			
*Shelf life: 2 years when stored properly			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended. If accidentally instilled into the eyes, immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

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