

BaseBulk

CERTIFICATE OF ANALYSIS

Product Name	Polygonum Cuspidatum Extract (Resveratrol 98%)
Latin Name	Polygonum cuspidatum Sieb. et Zucc.
Part Used	Root
Extract Solvent	Ethanol & Water
Country of Origin	China
Batch Number	25022001
Manufacture Date	2025-02-20
Expiry Date	2028-02-19

Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	Off white to white powder	Complies
Odor	Characteristic	Complies
Taste	Characteristic	Complies
Loss on drying	≤2.0%	0.88%
Ash	≤1.0%	0.19%
Loose density	0.200–0.700 g/ml	Complies
Tapped density	0.300–0.800 g/ml	Complies
Particle size	100% pass 80 mesh	Complies

Chemical Tests

Analysis Item	Specification	Result
Heavy metals (total)	≤10 ppm	Complies
Arsenic (As)	≤2 ppm	Complies
Lead (Pb)	≤2 ppm	Complies
Cadmium (Cd)	≤0.5 ppm	Complies
Mercury (Hg)	≤0.1 ppm	Complies
Solvent residual	≤1500 ppm	Complies
Benzo(a)pyrene	≤10 ppb	Complies
Sum of PAHs (PAH4)	≤50 ppb	Complies
Assay: Resveratrol	≥98.0% (HPLC)	98.67%

Microbiological Tests

Analysis Item	Specification	Result
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Total plate count	≤1000 CFU/g	<10 CFU/g
Yeast & mould	≤100 CFU/g	<10 CFU/g
Coliforms	≤0.92 MPN/g	Negative
Salmonella	Negative	Negative

Packaging & Storage

Analysis Item	Specification
Packing	Paper-drums with two food grade poly bags inside; Net: 25 kg/drum
Storage condition	Sealed, kept in a shady & dry place
Shelf life	Three years when properly stored

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