



Address: East of Tianmu Road, Laiyang Development
Zone, Yantai City, Shandong Province, 265200, China

Specification

Product Name: ReViva™ Resveratrol 99%

Chemical Name: Trans-Resveratrol

CAS No.: 501-36-0

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight: 228.25

Test Items	Specification	Test Method
Appearance	Off-white or yellowish powder	Visual
Identity		
IR	Spectrum must conform	IR
HPLC	Retention time must conform	HPLC
Check		
Water %	NMT0.5	CP2020<0832>
Ash %	NMT0.5	CP2020<2302>
Emodin %	NMT0.1	HPLC
Cis resveratrol %	NMT0.1	HPLC
Single impurity %	NMT0.1	HPLC
Total impurities %	NMT0.5	HPLC
Purity %	99.0 MIN	HPLC
Heavy Metals ppm	NMT10	CP2020<2302>
Lead ppm	NMT0.5	ICP-MS
Cadmium ppm	NMT1.0	ICP-MS
Arsenic ppm	NMT1.0	ICP-MS
Mercury ppm	NMT0.1	ICP-MS
Particle size	98% through 80-mesh sieve	CP2020<0982>
Residual solvents ppm Ethanol	NMT500	GC
Assay		
Assay (On dry basis) %	98.0-101.5	HPLC
Microbiology		
Total plate count CFU/g	NMT1000	CP2020<1105>
Yeast & Mold CFU/g	NMT100	CP2020<1105>
E. coli, coliforms, and pseudomonas	Absent	CP2020<1106>
Salmonella	Absent	CP2020<1106>
Conclusion	This product complies with enterprise standard.	
Storage	Normal temperature, airtight, dark storage. Pack Size: 25kg/bag	
Remarks	*Non-Irradiation *Non-ETO *Non-Excipients	