

CERTIFICATE OF ANALYSIS

Product name:	Resveratrol		
Plant Latin name:	<i>Polygonum cuspidatum</i> <i>Sieb. Et Zucc.</i>	Ref. Standard:	In-house Standard
Used part:	Root	CAS No.:	501-36-0
Batch Number:	20220528	Manuf. Date:	May. 28, 2022
Batch Size :	100kg	Expiry Date:	May. 27, 2024
Storage Condition:	Preserve in tight containers at controlled room temperature.		

Item	Method	Specification	Result
Organoleptic			
Appearance	Organoleptic	Fine powder	Fine powder
Color	Organoleptic	Off-White to white	Off-White
Odor	Organoleptic	Characteristic	Conforms
Taste	Organoleptic	Characteristic	Conforms
Physical & Chemical Characteristics			
Particle Size	Sieving	100% Pass 80 mesh	Conforms
Loss on Drying	GB/T 5009.3	≤1.0%	0.51%
Ash	GB/T 5009.4	≤0.5%	0.20%
Bulk Density	GB/T 21354	35.0-50.0g/100ml	43.0g/100ml
Tapped Density	GB/T 21354	50.0-80.0g/100ml	65.3g/100ml
Ethanol	GB/T 5009.262	≤1500ppm	Conforms
Heavy Metals	GB/T 5009.74	≤10ppm	Conforms
Lead(Pb)	GB/T 5009.12	≤ 2.0ppm	Conforms
Arsenic(As)	GB/T 5009.11	≤ 1.0ppm	Conforms
Mercury(Hg)	GB/T 5009.17	≤ 0.1ppm	Conforms
Cadmium(Cd)	GB/T 5009.15	≤ 0.5ppm	Conforms
Microbiological Tests			
Total Plate Count	GB/T 4789.2	≤1000cfu/g	Conforms
Yeast & Mold	GB/T 4789.15	≤100cfu/g	Conforms
E.Coli.	GB/T 4789.38	Negative	Negative
Salmonella	GB/T 4789.4	Negative	Negative
Staphylococcus	GB/T 4789	Negative	Negative
Assay	HPLC	Resveratrol≥98.0%	98.4%
Conclusion:	Conform to In-house standard.		

Tested by: Tiantian Wang

Approved by: Yulian Liu