



Xi'an Green Spring Technology Co.,Ltd

Certificate of Analysis

Product Name:	Pterostilbene Powder	CAS:	537-42-8
Batch#	2024012388 GS	Representative QTY	400kg
Produce Date	2024-01-23	Report Date	2024-01-30
Analysis Date	2024-01-24		

Analysis Item	Specification	Result	Method
Assay by HPLC	Pterostilbene \geq 99%	99.5%	HPLC
Physical Control			
Appearance	White Powder	Conforms	Visual
Tasted	Characteristic	Conforms	Organoleptic
Odour	Characteristic	Conforms	Organoleptic
Sieve Analysis	100%pass 80 mesh	Conforms	80 mesh screen
Loss on Drying	3%Max.	1.27%	GB 5009.3
Ash	1%Max.	0.28%	GB 5009.4
Chemical Control			
Cadmium(Cd)	0.5mg/kg Max.	Conforms	ISO 17294 ICP/MS
Mercury(Hg)	Absent	Conforms	EN 13806 AAS
Lead(Pb)	1.0mg/kg Max.	Conforms	ISO 17294 ICP/MS
Arsenic(As)	1.0mg/kg Max.	Conforms	ISO 17294 ICP/MS
Microbiological			
Total Plate Count	\leq 1000cfu/g	Conforms	GB 4789.2
Yeast	\leq 100cfu/g	Conforms	GB 4789.15
Mould	\leq 100cfu/g	Conforms	GB 4789.15
Coliforms	Negative	Conforms	GB 4789.3
E.Coli.	Negative	Conforms	ISO7251:2005
Staphylococcus	Negative	Conforms	GB 4789.10
Salmonella	Negative	Conforms	ISO 6579-1
Shelf Life	24 months under the conditions below,and in its original packaging.		
Package	Standard packed in fiber-drum and two plastic bags inside.		
Storage	Store in a cool,dry place away from Moisture,Light,Oxygen.		

Quality Assurance: Liang Yan

