

## CERTIFICATE OF ANALYSIS

<b>Product Name: Pine Bark Extract</b>			
Botanical Name	Pinus pinaster Ait.	Part	Bark
Origin	China	Extract Solvent	Water
Batch No.	20650228	Manufacture Date	2026-02-28
Quantity	500kg	Expiry date	2028-02-28

Item	Standard	Result	Analysis Method
Appearance	Red brown fine powder	Conforms	Visual
Odor & Taste	Characteristic	Conforms	Organoleptic
<b>Typical Analysis</b>			
Proanthocyanidins	≥75.0%	75.12%	UV
Particle Size	NLT 95% through 80 mesh	Conforms	Mesh screen
Loss on drying	≤5.0%	3.53%	GB 5009.3
Ash	≤5.0%	3.01%	GB 5009.4
<b>Heavy Metals</b>			
Heavy metals	≤ 10ppm	Conforms	ICP-MS
Arsenic (As)	≤ 1.5ppm	0.9ppm	ICP-MS
Lead (Pb)	≤ 3.0ppm	0.8ppm	ICP-MS
Cadmium (Cd)	≤ 1.0ppm	0.6ppm	ICP-MS
Mercury (Hg)	≤ 0.1ppm	0.03ppm	ICP-MS
<b>Microorganism</b>			
Total Bacterial Count	<1000cfu/g	Conforms	GB4789.2
Total Molds Count	<100cfu/g	Conforms	GB4789.15
Staphylococcus aureus	Negative	Conforms	GB4789.10
Salmonella	Negative	Conforms	GB4789.4
E. Coli	Negative	Conforms	GB4789.3
Package	N.W. 25Kgs/fiber drum		
Shelf life	2 Year When Properly Stored		
Storage	Store in well-closed container at room temperature, protect from light, moisture and pest infestation.		
Sterilization Method	High-temperature sterilization, Non-irradiated, None-GMO, Non-Allergens, Non-Gluten.		