

## Technical Data Sheet

Product Name: Pine Bark Extract			
Botanical Name	<i>Pinus pinaster Ait.</i>	Part	Bark
Origin	China	Extract solvent	Water
Item	Standard	Analysis Method	
Appearance	Red brown fine powder	Visual	
Odor & Taste	Characteristic	Organolectic	
Typical Analysis			
Proanthocyanidins	≥75.0%	UV	
Particle Size	NLT 95% through 80 mesh	Mesh screen	
Loss on drying	≤5.0%	GB 5009.3	
Ash	≤5.0%	GB 5009.4	
Heavy Metals			
Heavy metals	≤ 10ppm	ICP-MS	
Arsenic (As)	≤ 1.5ppm	ICP-MS	
Lead (Pb)	≤ 3.0ppm	ICP-MS	
Cadmium (Cd)	≤ 1.0ppm	ICP-MS	
Mercury (Hg)	≤ 0.1ppm	ICP-MS	
Microorganism			
Total Bacterial Count	<1000cfu/g	GB4789.2	
Total Molds Count	<100cfu/g	GB4789.15	
Staphylococcus aureus	Negative	GB4789.10	
Salmonella	Negative	GB4789.4	
E. Coli	Negative	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.		