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SPECIFICATION SHEET

Product Name	Panax Ginseng Extract		
Botanical Latin Name	*Panax ginseng CA Mey.*		
Plant Part	Root		
Country of Origin	China	Solvent	Alcohol and water

Item	Specification	Test Methods	
Assay	Ginsenosides≥80%	UV	
• **Chemical Physical Control**			
Particle size	100% pass 80 mesh	USP<786>	
Loss on drying	≤5.0%	USP<731>	
Residue on Ignition	≤5.0%	USP<281>	
Bulk Density	25-65g/100ml	USP<616>	
Appearance	Fine Powder	Visual	
Color	Yellow to Light Yellow	Visual	
Odor	Typical	Organoleptic	
Taste	Typical	Organoleptic	
Heavy Metals	≤10ppm	CP2020	
Arsenic (As)	≤2ppm	ICP-MS	
Lead (Pb)	≤2ppm	ICP-MS	
Mercury(Hg)	≤0.5ppm	ICP-MS	
Cadmium(Cd)	≤1ppm	ICP-MS	
• **Microbiology Control**			
Total Plate Count	≤1,000cfu/g	AOAC 990.12	
Total Yeast & Mold	≤100cfu/g	AOAC 997.02	
Coliforms	≤10cfu/g	AOAC	
Escherchia Coli	Absent	AOAC-OMA 991.14	
Salmonella Species	Absent	AOAC-RI 061301	
Staphylococcus aurreus	Absent	AOAC-OMA 2003.07	
• **General Status**			
Sterilization Method	High Temperature & Pressure	Conforms	/
• **Packing & Storage**	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs Store in a well-closed container. Away from moisture.		
• **Shelf Life**	Three years if sealed and stored away from direct sun light and heat.		
Analyst : Yang,Yan	QC Supervisor: Ren, Xiaofeng		

Note: The above information is based on the specification sheet received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.



Reviewed by : _____
Abdullah Malik (QA)