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SPECIFICATION SHEET Siberian Ginseng Root Powder

General Information		
Other Names	: Eleutherococci radix, Acanthopanax Senticosi Radix, Eleuthero	
Definition	: Siberian Ginseng, also name as Eleuthero, is the dried rhizome with roots of Eleutherococcus senticosus.	
Part Used	: Root	
Botanical/Scientific Name	: Eleutherococcus Senticosus	
GM Status	: Not Genetically modified	
Allergen Status	: Not Allergen	
Irradiation Status	: Not Irradiation	
BSE/TSE Status	: Free	
Cultivated/Wild	: Cultivated and Wild	
Country Of Origin	: China	
Harvesting Period	: Spring and Autumn	
Treatment After Harvesting	: Drying	
Sanitising Treatment After Harvesting	: None	
H.S.Code	: 2932.99	
ITEMS	SPECIFICATION	METHOD
Physical & Chemical Data		
Macroscopic/microscopic ID	<p>The rhizome is knotty and of irregular cy-lindrical shape with a diameter of 15, 40 mm. The heartwood area is light brown, and the connecting splint wood is pale yellow. The bark is approximately 2 mm thick and is firmly affixed to the xylem. The surface is gray-brown or black-brown, coarse, and longitudinally valliculate and plicate. A broken rhizome is coarse and fibrous, particularly inside the xylem. The fractured surface of the bark shows short, thin fibers. Numerous roots spring from the underside of the rhizome. These roots are 35-150 mm long, cylindrical and knotty, with a diameter of 3-15 mm. The surface of the roots is gray-brown to black-brown, smoother than the rhizome, and has longitudinal stripes. A 0.5-mm thin bark is tightly affixed to the pale yellow xylem. A broken root is sparsely fibrous and appears yellowish-gray where the thin epidermis is flaked off.</p>	
Appearance & Color	: Yellow Brown Fine Powder With Characteristic Odor	
Analytical Quality		
Total ash	: ≤10.0%	Eur.Ph.
Sieve analysis	: 100% through 80 mesh	USP
Loss on Drying	: ≤5.0%	Eur.Ph.
Contaminants		
Lead (Pb)	: ≤2.0 mg/kg	Eur.Ph.
Arsenic (As)	: ≤2.0 mg/kg	Eur.Ph.
Cadmium (Cd)	: ≤1.0 mg/kg	Eur.Ph.
Mercury (Hg)	: ≤0.1 mg/kg	Eur.Ph.
Pesticides Residue	: Meet USP Requirements	USP
Microbiological		
Total Plate Count	: ≤10000 cfu/g	USP
Yeast & Mold	: ≤100 cfu/g	USP
E.Coli.	: Negative	USP
Salmonella	: Negative	USP
Packing & Storage	: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs Store in a well-closed container. Away from moisture, light, oxygen.	
Shelf life	: 24 months under the conditions above and in its original packaging.	