



Specification Sheet

Product Name	Huperzia Serrata Extract	Product Code	HSE01
Latin Name	<i>Huperzia serrata.</i>	Part of Use	Aerial
Manufacturing Origin	China	Material Origin	China.

ITEMS	SPECIFICATIONS	METHOD
Organoleptic Tests		
Appearance	Off-white fine powder	Visual
Odor & Taste	Characteristic	Organoleptic
Physical Characteristics		
Loss on Drying	≤10.0%	USP<731>
Residual on Ignition	≤5.0%	USP<561>
Particle Size (#80)	90% thru #80	#80 Standard Screen
Residual Solvents		
Ethanol	≤5000ppm	GC
Assay		
Huperzine-A	≥1%	HPLC
Impurity		
Heavy Metal (as Pb)	≤20ppm	USP35 <231>, Method II
Total Arsenic (as As)	≤2 ppm	ICP-MS
Lead (Pb)	≤2 ppm	ICP-MS
Cadmium (Cd)	≤1 ppm	ICP-MS
Mercury (Hg)	≤1 ppm	ICP-MS
Microbiological Characteristics		
Total Plate Count	<10,000 cfu/g	GB 4789.2-2010
Yeast and Mold	<1000 cfu/g	GB 4789.15-2010
Coliforms	Negative	GB 4789.3-2010
<i>Escherichia coli</i>	Negative	GB 4789.6-2010
<i>Salmonella enterica</i>	Negative	GB 4789.4-2010
<i>Staphylococcus Aureus</i>	Negative	GB 4789.10-2010
Package	Net 25Kg per fiber drum with 2-layer food grade plastic bags inside	
Shelf Life	2 years under good storage condition	
Storage	Store in cool and dry place. Do not freeze. Keep away from strong light and heat.	

