

Certificate Of Analysis

Product Name: Gynostemma Pentaphyllum Extract
Source: *Gynostemma pentaphyllum(thunb)mak*
Used Part: Stem leaf and root
Extract Solvent: Ethanol & Water
Non GMO **BSE/TSE Free** **Non Irridiation** **Allergen Free**

ITEMS	SPECIFICATION	RESULTS	METHODS
Assay Data			
Gypenosides	≥80%	80.62%	UV
Quality Data			
Appearance	Brown to Light Yellow	Conforms	Visual
Loss on Drying	≤5%	4.30%	USP<731>
Ash	≤5%	4.80%	USP<561>
Particle Size	95% Pass 80M	Conforms	USP<786>
Solvent Residue	Meet Requirements	Conforms	GC USP<467>
Heavy Metals	<10ppm	Conforms	ICP-MS USP<231>
Lead(Pb)	<3ppm	Conforms	ICP-MS USP<251>
Arsenic(As)	<2ppm	Conforms	ICP-MS USP<211>
Cadmium(Cd)	<1 ppm	Conforms	ICP-MS USP<233>
Mercury(Hg)	<0.3ppm	Conforms	ICP-MS USP<233>
Microbiological Data			
Total Plate Count	<1000 cfu/g	Conforms	USP<2021>
Moulds and Yeast	<100 cfu/g	Conforms	USP<2021>
E.Coli	Negative	Conforms	USP<2022>
Salmonella	Negative	Conforms	USP<2022>
Staphylococcus aureus	Negative	Conforms	USP<2022>
Addition Data			
Packing	25kg/drum		
Storage	Store in a cool dry place, avoiding sunlight directly		
Shelf Life	Two Years		

