



Athesis

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CERTIFICATE OF ANALYSIS

Product	Ginseng PE 80% Ginseng ES 80%
Botanical name	Panax ginseng
Origin	P.R. China
Part used	Root
Batch No.	GP 080227
Manufacturing date	'02/2008
Expiry date	'02/2011

ITEM	SPECIFICATION	RESULT
Appearance	Light yellow fine powder	Complies
Odour and taste	Characteristic	Complies
Assay (Ginsenosides – by UV)	80.0 % min.	80.21 %
Sieve analysis	100 % pass 80 mesh	Complies
Loss on drying	5.0 % max.	3.93 %
Residue on ignition	5.0 % max.	2.86 %
Bulk density	40 - 60 g / 100 ml	51 g / 100 ml
Extract solvents	Alcohol & water	Complies
Heavy metals	10 ppm max	Complies
Arsenic (As)	2 ppm max	Complies
Lead (Pb)	2 ppm max	Complies
Sterilization method	High temperature and pressure	Complies
GMO, Gluten & Irradiation	Free	Complies
Microbiology		
Total plate count	1000 CFU/gr max.	Complies
Mould	100 CFU/gr max.	Complies
E. coli	Negative	Complies
Salmonella	Negative	Complies
Conclusion	Conform with specifications	
Storage	Store in a cool & dry place. Do not freeze Keep away from strong light and heat	
Shelf life	3 years when properly stored	

DATA AS RECEIVED FROM THE SUPPLIER