



Athesis

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CERTIFICATE OF ANALYSIS

Product	Rhodiola PE 40%
	Rodiola ES 40%
Botanical name	Rhodiola rosea
Origin	P.R. China
Part used	Root
Batch No.	20110402
Manufacturing date	'04/2011
Expiry date	'04/2014

ITEM	SPECIFICATION	RESULT
Appearance	Red Brown fine powder	Complies
Odour & Taste	Characteristic	Complies
Poliphenols (By UV-VIS)	40.00 % min	40.12 %
Salidroside (By HPLC)	1.00 % min	1.18 %
Rosavin (By HPLC)	1.00 % min	1.64 %
Sieve analysis	90 % pass 80 mesh	Complies
Bulk density	40 – 60 g/100 ml	45 g/100 ml
Loss on drying	5.00 % max	4.38 %
Residue on ignition	5.00 % max	0.63 %
Extract solvent	Alcohol & Water	Complies
Heavy metals	20 ppm max	Complies
Arsenic (As)	2 ppm max	Complies
Lead (Pb)	2 ppm max	Complies
Mercury (Hg)	0.1 ppm max	Complies
Cadmium (Cd)	1 ppm max	Complies
Sterilization method	High temperature & pressure	Complies
GMO, gluten and irradiation	Free	Complies
Microbiological		
Total bacterial count	10000 CFU/gr max	Complies
Yeast & Mould	100 CFU/gr max	Complies
E. coli	Negative	Complies
Salmonella	Negative	Complies
Staphylococcus	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	

Il presente certificato è conforme a quello del nostro fornitore. Le indicazioni sopra riportate non Vi sollevano in ogni caso dall'identificare e controllare il prodotto in relazione all'impiego previsto.