

Certificate of Analysis

Product Name : **Rhodiola Rosea extract**
 Botanical Name : **Rhodiola Rosea**
 Part of plant used : **Roots**
 Active ingredients: **Rosavin, Rosarin, Rosin**

Batch number: **061017**
 Analysis Date: **Oct 22, 2006**
 Certificate Date: **May 10, 2007**

Batch quantity: **1000 Kg**
 Manufacturing Date: **Oct 17, 2006**
 Expiry Date: **Oct 17, 2008**

Inspection Items	Specification	Test Results	Remark
Appearance	Brown powder with light odor	Conforms	
Identification	Passes all criteria tests	Conforms	
Content	Total Rosavins \geq 3%	3.35% Rosavin 1.23% Rosarin 1.75% Rosin 0.37%	By HPLC By HPLC By HPLC
Sieve	100% pass 80 mesh	Conforms	
Loss on drying	\leq 5%	2.24%	
Ash	\leq 4%	1.32%	
Pb	\leq 0.8 mg/kg	Conforms	
As	\leq 0.5 mg/kg	Conforms	
Hg	\leq 0.2 mg/kg	Conforms	

Microbiology

Total Plate Count	\leq 1000 /g	Conforms	
Mould & Yeast	\leq 100 /g	Conforms	
E. Coli	Negative	Negative	
Salmonella	Negative	Negative	

Conclusion Conform with specification (By Hoycome criteria for Rhodiola Rosea extract)

Storage Cool and dry place. Do not freeze. Keep away from strong light and heat

Shelf life 2 years when properly stored