

CERTIFICATE OF ANALYSIS

Product Name:	Rhodiola Rosea Extract	Botanical Name:	<i>Rhodiola Rosea L.</i>
Batch No.:	202412101	Quantity:	425Kg
M.F Date:	Dec. 10th, 2024	Expiry Date:	Dec. 09th, 2027
Part Used:	Root	Extract Solvent:	Ethanol& Water
Shelf Life:	3 Years	Country of Origin:	China

Results of Analysis			
Characters	Reference	Standard	Result
Appearance	Visual	Brown Powder	Conforms
Odor	Organoleptic	Characteristic	Conforms
Taste	Organoleptic	Characteristic	Conforms
Assay	Reference	Standard	Result
Rosavins	HPLC	Min. 3%	3.09%
Salidroside	HPLC	Min. 1%	1.42%
Item	Reference	Standard	Result
Particle Size	80 mesh screen	Min. 95% pass 80 mesh	Conforms
Bulk Density	CP<2020>	0.3g/ml~0.6g/ml	Conforms
Loss on Drying	5g/105°C/2hrs	Max. 5%	2.38%
Ash Content	2g/525°C/3hrs	Max. 5%	2.05%
Heavy Metal	CP<2020>	Max. 10 ppm	< 10 ppm
Lead	AAS	Max. 3 ppm	< 3 ppm
Arsenic	AAS	Max. 2 ppm	< 2 ppm
Cadmium	AAS	Max. 1 ppm	< 1 ppm
Mercury	AAS	Max. 0.1 ppm	< 0.1 ppm
Ethanol Residue	GC	Max. 5000 ppm	Conforms
*Pesticide Residue	Third-Lab Test	Meet EC396/2005	Conforms
*Benzopyrene	Third-Lab Test	Max. 10 ppb	Conforms
*PAH(4)	Third-Lab Test	Max. 50 ppb	Conforms
Total Aerobic	CP<2020>	Max. 1,000 CFU/g	< 1,000 CFU/g
Mold and Yeast	CP<2020>	Max. 100 CFU/g	< 100 CFU/g
E. Coli	CP<2020>	Negative/1g	Conforms
Salmonella	CP<2020>	Negative/25g	Conforms
Storage	Store in cool, dry, clean storage areas. Away from strong direct light and heat.		
Packing	Packed in fibre-drums with two food grade PE bags inside. N.W.: 25Kg/Drum.		
Statements			
Non-Irradiated, Non-ETO, Non-GMO, Non-Allergen			
As a natural product, there may be color variations from lot to lot due to crop fluctuations from harvest.			
The item marked with * is tested at a set frequency based on risk assessment.			
QC. Manager:			