

PRODUCT SPECIFICATIONS

Name: **RHODIOLA ROSEA EXTRACT**
 Quality: **standardized to min. 5% Rosavins**
 Product Code: **RR-05**

Botanical source: *Rhodiola rosea*

	Test Method or Description	Specification Limit / Range
Appearance	Powder	
Color	Brown	
Aroma and Flavour	Specific, rose, light bitter	
Ash	NMT	5%
Mesh size	100% through	80Mesh
Carriers	NONE	
Solubility	In water	100% soluble
Extraction method	Water extraction and spray dried	
Moisture	USP	NMT 7.0%
Total β -vicianosides	(HPLC)	NLT 5.0%
	Rosavins	NLT 2.2%
	Rosarin	NLT 1.2%
	Rosin	NLT 1.5%
Salidroside	(HPLC)	NLT 1.5%
Total polyphenols	UV	NLT 70.0%

Impurities

Heavy metals	Atomic Absortion	NMT 10 ppm
Pesticides	HPLC, GC	Not detectable (< 10 ppm)
Herbicides	HPLC, GC	Not detectable (< 10 ppm)

Microbiological Values

Total viable counts	For powder	< 3.000 /g
E. coli	For powder	Negative
Yeast	For powder	< 100 /g
Mold	For powder	< 100 /g
E. Coli	For powder	Negative
Salmonella	For powder	Negative

Safety Data:

Allergens/Gluten	Product does not contain any known allergen or gluten (Directive 2003/89/CE)
GMO Status	GMO free in accordance to regulations EC 1829/2003 and EC 1830/2003

Packaging

	cardboard drums with PE bags	25 Kg
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Country of origin:

	Raw material-Russia (Siberia), Manufactured: Spain
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Shelf Life

	Dry and cold unopened packages	4 years
	The product must be stored in cool, dark and dry area. Keep the package well close since it is hygroscopic.	

