Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name:	**Rhodiola Rosea P.E**	Latin Name:	***Rhodiola rosea L.***
Part Used:	**Root**	Extract Solvent:	**Ethanol & Water**
Excipient Used:	**None**	Origin:	**China**
Representative Qty.:	**1200kg**		

ITEM		SPECIFICATION	STANDARD REFERENCED
Physical	Appearance	Red-brown powder	Visual
	Odor	Characteristic	Sensory
	Taste	Characteristic	Sensory
	Loss on drying	≤5.0%	2g/105℃/5hrs
	Ash	≤5.0%	2g/600℃/5hrs
	Particle size	98% pass 80 mesh	Sieve
Chemical	Heavy metals	≤10ppm	Atomic Absorption
	Arsenic(As)	≤2ppm	Atomic Absorption
	Lead(Pb)	≤2ppm	Atomic Absorption
	Cadmium(Cd)	≤1ppm	Atomic Absorption
	Mercury(Hg)	≤0.1ppm	Atomic Absorption
	Solvent residual	≤5000ppm	Gas Chromatography
Assay	Rosavins	≥3.0%	HPLC
	Salidroside	≥1.0%	HPLC
Microbial	Total microbacterial count	≤1000CFU/g	CP2010
	Yeast & Mould	≤100CFU/g	CP2010
	Escherichia Coli presence	Negative	CP2010
	Salmonella	Negative	CP2010
Else	Packing	Pack in paper-drums and two food grade poly bags inside. Net weight: 25kg/drum	
	Storage condition	Store in a well closed place with constant low temperature and no direct sun light	
	Shelf life	Three years when properly stored	

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____
Abdullah Malik (QA)