



Xi'an Green Spring Technology Co.,Ltd

Product Name	Rhodiola Rosea Extract		
Botanical Name	<i>Rhodiola Rosea</i> L. Origin China	Plant part	Root
Batch Number	2024060501GS	Quantity	400kg
Manufacture Date	June.05th, 2024	Expiry Date	June. 04th, 2026
Items	Standards	Test Result	Test Method
Rosavins	≥3.0%	3.01%	HPLC
Salidroside	≥1.0%	1.19%	HPLC
Identification	(+)	Positive	TLC
Extract solvent	Ethanol & Water	Complies	/
Description			
Appearance	Reddish Brown Fine powder	Complies	Visual
Taste / Odor	Characteristic	Complies	Organoleptic
Inspection			
Particle size	100% pass 80 mesh	Complies	80 mesh screen
Loss on drying	≤5.0%	3.26%	5g/105°C/2hrs
Sulphated Ash	≤5.0%	1.23%	2g/525°C/3hrs
Bulk Density	45g-75g/100ml	58.3g/100ml	/
Tapped Density	65g-95g/100ml	90.1g/100ml	/
Heavy Metals	≤10ppm	Complies	Colorimetry
Pb	≤1mg/kg	Complies	ICP-MS
As	≤1mg/kg	Complies	ICP-MS
Cd	≤0.5mg/kg	Complies	ICP-MS
Hg	≤0.1mg/kg	Complies	ICP-MS
Solvents Residue	Ethanol≤5000mg/kg	Complies	GC-MS
Pesticides Residue	Euro Pharm	Complies	Euro Pharm
Microbiological			
Total Bacterial Count	≤1000cfu/g	Complies	CP2015
Total Molds Count	≤100cfu/g	Complies	CP2015
E. Coli	Negative	Negative	CP2015
Salmonella	Negative	Negative	CP2015
Staphylococcus aureus	Negative	Negative	CP2015
Shigella sonnei	Negative	Negative	CP2015
B1 Aflatoxin B1	≤2.0μ g/kg	Negative	GB 5009.24
Aflatoxin B1+B2+G1+G2	≤4.0μ g/kg	Negative	GB 5009.24
Benzo(a)pyrene (ppb)	≤10ppb	4.3	GC-MS
Sum ofPAHs	≤50ppb	31.7	GC-MS
Conclusion: Conform with specification.			
Storage: Keep in cool & dry place. Keep away from strong light and heat.			
Packing: By 25kgs/Drum, inner by plastic bag.			
Shelf life: Two Years under the above condition, and in its original package.			

Quality Assurance: Liang Yan

