

CERTIFICATE OF ANALYSIS

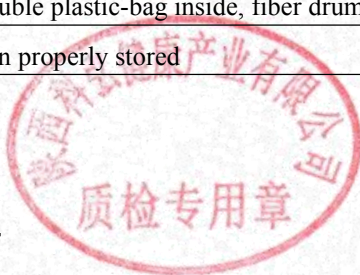
Product Name:	Rhodiola rosea extract	Country of Origin:	China
Botanical Name:	<i>Rhodiola rosea L.</i>	Batch Number:	KHHJ220413
Plant Part Used:	Root	Manufacture Date:	Apr.13, 2022
Quantity:	500kg	Expiry Date:	Apr.12, 2024

ITEM	SPECIFICATION	RESULTS	TESTING METHOD
PHYSICAL CONTROL			
Rosavins	$\geq 3.0\%$	3.02%	HPLC
Salidroside	$\geq 1.0\%$	4.05%	HPLC
Appearance	Brown Fine Powder	Complies	Visual
Identification	(+)	Pass	TLC
Bulk Density	0.40-0.70g/ml	Complies	CP2015
Particle size	95% pass 80 mesh	Complies	80 Mesh Screen
Loss On Drying	$\leq 5\%$	4.03%	CP2015
Ash	$\leq 5\%$	2.12%	CP2015
CHEMICAL CONTROL			
Heavy Metals	$\leq 10\text{mg/kg}$	$< 10\text{mg/kg}$	Colorimetric
Lead	$\leq 2\text{mg/kg}$	Complies	Atomic Absorption
Arsenic	$\leq 2\text{ ppm}$	Complies	Atomic Absorption
Mercury	$\leq 1\text{ ppm}$	Complies	Atomic Absorption
Cadmium	$\leq 0.5\text{ ppm}$	Complies	Atomic Absorption
MICROBIOLOGY CONTROL			
Total Plate Count	$\leq 10000\text{ cfu/g}$	Complies	AOAC
Yeast & Mold	$\leq 1000\text{ cfu/g}$	Complies	AOAC
E.Coli	Negative	Complies	AOAC
Salmonella	Negative	Complies	AOAC

CONCLUSION	Conform with specification
Storage	Stored in dry and cool place, keep away from strong light and heat.
Packing	25kg/barrel, double plastic-bag inside, fiber drum outside,
Shelf life	Two years when properly stored

Zhou Xiaodan

Quality Assurance Officer



Lu Jun

Quality Control