

CERTIFICATE OF ANALYSIS

Product Name	Rhodiola Rosea Extract	Latin Name	<i>Rhodiola Rosea L</i>
Batch No	PY-RH20190810	Used Part	Root
Quantity	525KG	Analysis Date	Aug.13,2019
Mfg. Date	Aug.10,2019	Exp. Date	Aug.09,2021

No.	Item	Specification	Result
1.	Appearance	Brown fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Identification	Identical to R.S. sample	Positive
4.	Particle Size	NLT 95% pass 80 mesh	Complies
5.	Extract Solvent	Water & Ethanol	Complies
6.	Assay(by HPLC)	Rosavins \geq 3.0% Salidroside \geq 1.0%	3.12% 1.46%
7.	Loss on Drying	\leq 5.0%	1.53%
8.	Ash	\leq 5.0%	2.15%
9.	Heavy Metals	\leq 10ppm	<10ppm
10.	Pb	\leq 3ppm	<1ppm
11.	As	\leq 1ppm	<1ppm
12.	Cd	\leq 1ppm	<1ppm
13.	Hg	\leq 0.1ppm	<0.1ppm
14.	Benzo a Pyrene	\leq 10ppb	4.0ppb
15.	Sum PAH4	\leq 50ppb	33.8ppb
16.	Pesticide Residue	Comply to EC396/2005	Complies
17.	Total Plate Count	\leq 10,000cfu/g	<1,000cfu/g
18.	Yeasts & Molds	\leq 1,000cfu/g	<100cfu/g
19.	E.Coli	Negative	Negative
20.	Salmonella	Negative	Negative

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0℃).

Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35*H51cm

Conclusion: Conform with the Standard.

Analyst: xuli

QC: lixiaochen