

CERTIFICATE OF ANALYSIS

Product Name	Resveratrol	Botanical Source	<i>Polygonum cuspidatum</i> <i>Sieb. Et Zucc</i>
Batch No	PY-RE20210318	Used Part	Root
Quantity	500kg	Analysis Date	Mar.21,2021
Mfg. Date	Mar.18,2021	Exp. Date	Mar.17,2023

No.	Item	Specification	Result
1.	Appearance	Brown fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh	Complies
4.	Solubility	Good solubility in alcohol	Complies
5.	Assay(by HPLC)	Resveratrol $\geq$ 50%	50.26%
6.	Extract Solvent	Methanol & Water	Complies
7.	Emodin(by HPLC)	$\leq$ 2%	1.9%
8.	Loss on Drying	$\leq$ 5.0%	0.31%
9.	Ash	$\leq$ 5.0%	3.24%
10.	Heavy Metals	$\leq$ 10 ppm	Complies
11.	Pb	$\leq$ 1.0 ppm	Complies
12.	As	$\leq$ 1.0 ppm	Complies
13.	Cd	$\leq$ 1.0 ppm	Complies
14.	Hg	$\leq$ 0.1 ppm	Complies
15.	Total Plate Count	$\leq$ 1,000cfu/g	<1,000cfu/g
16.	Yeasts & Molds	$\leq$ 100cfu/g	<100cfu/g
17.	Salmonella	Negative	Negative
18.	E.Coli	Negative	Negative
19.	Solvent Residue	Methanol $\leq$ 1000ppm	600ppm

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.

Conclusion: Conform with specification.

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