

CERTIFICATE OF ANALYSIS

Product Name	Red Clover P.E.	Latin Name	<i>Trifolium pratense L.</i>
Batch No	PY-RC20190912	Used Part	Leaves & Flowers
Quantity	1500KG	Analysis Date	Sep.13, 2019
Mfg. Date	Sep.12, 2019	Exp. Date	Sep.11, 2021

No.	Item	Specification	Result
1.	Appearance	Brown Powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	Water & Ethanol	Complies
4.	Drying Method	Spray drying	Complies
5.	Assay	Total Isoflavones $\geq$ 8%	8.30%
		Biochanin A	1.50%
		Formononetin	6.10%
		Genistein	0.40%
		Dadzein	0.30%
6.	Particle Size	NLT 98%pass 80 mesh	Complies
7.	Loss on Drying	$\leq$ 8.0%	4.57%
8.	Ash	$\leq$ 15.0%	5.39%
9.	Heavy Metals	<10.0ppm	<10.0ppm
10.	Pb	$\leq$ 5.0ppm	<5.0ppm
11.	As	$\leq$ 1.0ppm	<1.0ppm
12.	Cd	$\leq$ 1.0ppm	<1.0ppm
13.	Hg	$\leq$ 0.5ppm	<0.5ppm
14.	Residual Solvents	Ethanol<5000ppm	Complies
15.	Total Plate Count	$\leq$ 3,000cfu/g	<3,000cfu/g
16.	Yeasts & Molds	$\leq$ 300cfu/g	<300cfu/g
17.	E. Coli	Negative	Negative
18.	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 specification.

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