

CERTIFICATE OF ANALYSIS

Product Name	Red Clover P.E.	Latin Name	<i>Trifolium pratense L.</i>
Batch No	PY-RC20171123	Used Part	Leaves & Flowers
Quantity	1500KG	Analysis Date	Nov.26, 2017
Mfg. Date	Nov.23, 2017	Exp. Date	Nov.22, 2019

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 Isoflavons>40% Biochanin A Formononetin Genistein Daidzein	41.85% 19.7% 19.6% 0.7% 0.8%
6.	(Genistein+ Biochanin)/ (Formononetin+ Daidzein)	0.9-1.7:1	1.7:1
7.	Particle Size	NLT 98%pass 80 mesh	Complies
8.	Loss on Drying	<3.0%	2.14%
9.	Acid-insoluble Ash	<4.0%	2.35%
10.	Heavy Metals	<10.0ppm	<10.0ppm
11.	Pb	≤5.0ppm	<5.0ppm
12.	As	≤1.0ppm	<1.0ppm
13.	Cd	≤1.0ppm	<1.0ppm
14.	Hg	≤0.5ppm	<0.5ppm
15.	Residual Solvents	Ethanol<5000ppm Heptane<3000ppm	Complies Complies
16.	Total Plate Count	≤3,000cfu/g	<3,000cfu/g
17.	Yeasts & Molds	≤300cfu/g	<300cfu/g
18.	E. Coli	Negative	Negative
19.	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.

Analyst: xuli

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