

CERTIFICATE OF ANALYSIS

Product Name	Red Clover P.E.	Latin Name	<i>Trifolium Pratense L.</i>
Batch No	PY-TR20190118	Used Part	Aerial Part
Quantity	75KG	Analysis Date	Jan.21,2019
Mfg. Date	Jan.18,2019	Exp. Date	Jan.17,2021

No.	Item	Specification	Result
1.	Appearance	Dark Brown to Black Fine Powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh	Complies
4.	Solvent Used	Ethanol & Water	Complies
5.	Assay (Polyphenol by HPLC)	≥20.0%	3.20%
6.	Loss on Drying	≤5.0%	4.67%
7.	Ash	≤5.0%	4.52%
8.	Bulk Density	0.47g/ml	Complies
9.	Tapped Density	0.69g/ml	Complies
10.	Heavy Metals	≤10ppm	<10ppm
11.	Pb	≤3ppm	1.2ppm
12.	Hg	≤0.1ppm	0.09ppm
13.	Cd	≤1ppm	0.3ppm
14.	As	≤1ppm	0.9ppm
15.	Total Plate Count	≤3000cfu/g	<3,000cfu/g
16.	Yeasts & Molds	≤300cfu/g	<300cfu/g
17.	E.Coli	Negative	Negative
18.	Salmonella	Negative	Negative

Store in a well-closed container away from moisture

Conclusion: Conform with specification.

Analyst: xuli

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