

CERTIFICATE OF ANALYSIS

Product Name	Echinacea Herb Extract	Latin Name	<i>Echinacea Purpurea</i> (Linn.) Moench
Batch No	PY-EC20200422	Used Part	Root
Quantity	1000KG	Analysis Date	Apr.25,2020
Mfg. Date	Apr.22,2020	Exp. Date	Apr.21,2022

No.	Item	Specification	Result
1.	Appearance	Brown green powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh sieve	Complies
4.	Extract Solvents	Water & Ethanol	Complies
5.	Extract Ratio	4:1	Complies
6.	Assay(by UV)	Polyphenols $\geq$ 4.0%	4.12%
7.	Loss on Drying	$\leq$ 5.0%	3.22%
8.	Residue on Ignition	$\leq$ 5.0%	2.70%
9.	Heavy Metals	$\leq$ 20ppm	<20ppm
10.	Pb	$\leq$ 2ppm	<2ppm
11.	As	$\leq$ 1ppm	<1ppm
12.	Cd	$\leq$ 1ppm	<1ppm
13.	Hg	$\leq$ 0.1ppm	<0.1ppm
14.	Total Plate Count	$\leq$ 1,000cfu/g	<1,000cfu/g
15.	Yeasts & Molds	$\leq$ 100cfu/g	<100cfu/g
16.	E.Coli	Negative	Negative
17.	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.

Conclusion: Conform with specification.

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