

## CERTIFICATE OF ANALYSIS

Product Name	Black Elderberry Extract	Latin Name	<i>Sambucus nigra L.</i>
Batch No	PY-BE20190617	Used Part	Fruit
Quantity	500KG	Analysis Date	Apr.22,2019
Mfg. Date	Apr.17,2020	Exp. Date	Apr.16,2022

No.	Item	Specification	Result
1.	Appearance	Dark Violet fine powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Identification	Identical to R.S. sample	Positive
4.	Particle Size	95% pass 80 mesh	Complies
5.	Extract Solvent	Water & Ethanol	Complies
6.	Assay( by UV)	Anthocyanidins≥25.0%	25.12%
7.	Loss on drying	≤5.0%	3.65%
8.	Ash (3h at 600°C)	≤5.0%	2.01%
9.	Heavy Metal	≤10ppm	≤10ppm
10.	Arsenic (As)	≤2ppm	Complies
11.	Pb	≤2ppm	Complies
12.	Cd	≤1ppm	Complies
13.	Hg	≤0.1ppm	Complies
14.	Total of bacteria	≤1000cfu/g	Complies
15.	Fungi	≤100cfu/g	Complies
16.	Salmonella	Negative	Complies
17.	E.Coli	Negative	Complies
18.	Staphylococcus aureus	Negative	Complies

Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.

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: zhuting

QC: zhuting