

CERTIFICATE OF ANALYSIS

Product Name	Grape Seed Extract	Latin Name	<i>Vitis Vinifera L.</i>
Batch No	PY-GS20210221	Used Part	Seed
Quantity	500KG	Analysis Date	Feb.23,2021
Mfg. Date	Feb.21,2021	Exp. Date	Feb.20,2023

No.	Item	Specification	Result
1.	Appearance	Reddish brown Powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Extract Solvent	Ethyl Alcohol	Complies
4.	Particle Size	98% pass 80 mesh sieve	99.27%
5.	Assay (by UV)	Proanthocyanidins≥95%	116.95%
6.	Solvents Residue	Ethanol≤5,000ppm	2,490ppm
7.	Loss on Drying	≤5.0%	3.87%
8.	Residue on Ignition	≤2.0%	1.05%
9.	Heavy Metals	≤10ppm	<10ppm
10.	Pb	≤1ppm	<1ppm
11.	As	≤1ppm	<1ppm
12.	Cd	≤1ppm	<1ppm
13.	Hg	≤1ppm	<1ppm
14.	Total Plate Count	≤3,000cfu/g	<10cfu/g
15.	Yeasts & Molds	≤300cfu/g	<10cfu/g
16.	E.Coli	≤3MPN/g	<3MPN/g
17.	Salmonella	Negative	Negative
18.	Staphylococcus	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

Package: Packed in paper-drums and two plastic-bags inside.

Conclusion: Conform with specification.

Analyst: xuli

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