

CERTIFICATE OF ANALYSIS

Product Name	Ginkgo Biloba Extract	Latin Name	<i>Ginkgo biloba L.</i>
Batch No	PY-GB20181221	Used Part	Leaf
Quantity	1000kg	Analysis Date	Dec.24,2018
Mfg. Date	Dec.21,2018	Retest Date	Dec.20,2020

No.	Item	Specification	Result
1.	Appearance	Yellow brown powder	Complies
2.	Odor & Taste	Characteristic	Complies
3.	Particle Size	100% pass 80 mesh	Complies
4.	Extract Solvent	Water & Ethanol	Complies
5.	Ratio	50:1	Complies
6.	Excipient	None	Complies
7.	Free flavonoid aglycones content before the hydrolysis process (indentification for the purity natural GBE)	Quercetin <0.5%	0.16%
		Kaempferol <0.5%	0.12%
		Isorhamnetin <0.2%	0.05%
		Rutin <4.0%	2.6%
		Sophoricoside Negative	Negative
8.	Flavonol glycosides content (HPLC) Q:K I:Q	≥24%	26.3%
		0.7-1.5	0.95
		≥0.15	0.34
9.	Terpene Lactones content (HPLC)	5.4%-12.0%	6.9%
	Bilobalide(Bb)	2.6%-5.8%	2.98%
	Ginkgolides(A+B+C)	2.8%-6.2%	3.91%
10.	Ginkgolic Acid (HPLC)	<5.0ppm	Negative
11.	Loss on Drying	≤5.0%	2.7%
12.	Bulk Density	0.5~0.7g/ml	0.57g/ml
13.	Heavy Metals	≤10.0ppm	<10.0ppm
14.	Pb	≤3.0ppm	0.1ppm
15.	Cd	≤1.0ppm	Not Detected
16.	Hg	≤0.1ppm	Not Detected
17.	Solvent Residue (Ethanol)	≤5000ppm	628.0ppm
18.	Pesticide Residues	Meet the <USP561> Requirement	Complies
19.	Total Plate Count	≤5000cfu/g	<1000cfu/g
20.	Yeasts & Molds	≤500cfu/g	<100cfu/g
21.	E.Coli	Negative	Negative
22.	Coliforms	Negative	Negative
23.	Aflatoxins B1	≤5.0ppb	<5.0ppb
24.	Aflatoxins B1+B2+ G1+G2	≤10.0ppb	<10.0ppb

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
Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35*H51cm
Conclusion: Conform with the USP40.

Analyst: xuli

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