

## Ginkgo Biloba Extract Powder

### Product Characteristics

Botanical Name	<i>Ginkgo biloba</i>
Plant Part	Leaves of <i>G. biloba</i>
Appearance	Fine light yellow powder
Flavor	Bitter
Extract Solvent	Ethanol & water
Carriers	None
Country of Origin	China

Profile	Method	Specification
Identification		
A.	TLC	Meets USP
B.	HPLC	Meets USP
Particle Analysis		100% through 80 mesh
Bulk Density		0.55- 0.68 g/ml
Ginkgo Flavone Glycosides	HPLC	24 - 27%
Quercetin Glycosides	HPLC	Report only
Kaempferol Glycosides	HPLC	Report only
Isorhamnetin Glycosides	HPLC	Report only
Terpene Lactones	HPLC	6 - 12%
Ginkgolides A+B+C	HPLC	2.8 – 6.2%
Ginkgolides A	HPLC	Report only
Ginkgolides B	HPLC	Report only
Ginkgolides C	HPLC	Report only
Ginkgolides J	HPLC	Report only
Bilobalides	HPLC	2.6 – 5.8%
Rutin	HPLC	≤ 3.5%
Ginkgolic acid	HPLC	≤ 5.00 ppm
Genistein	HPLC	≤ 0.50%
Loss on drying	CP	≤ 5.0%
Benzo(a)pyrene	GC-MS	≤ 10.0 ppb
PAH4	GC-MS	≤ 50.0 ppb
Heavy Metals	AA	≤ 5.0 ppm
Lead	AA	≤ 0.5 ppm
Arsenic	AA	≤ 0.5 ppm
Mercury	AA	≤ 0.1 ppm
Cadmium	AA	≤ 0.1 ppm
Pesticide residue		Meets USP <561>

Residual solvents		Meets USP <467>
Total aerobic plate count	CP	$\leq 1000$ CFU/g
Yeast and mold	CP	$\leq 100$ CFU/g
Staphylococcus Aureus	CP	Negative
Salmonella	CP	Negative
E. Coli	CP	Negative

**Storage**

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Store in tight containers, protected from light, moisture and heat.

Revision: 8/11/21