

PREMIUM INGREDIENT CO.,LTD

SPECIFICATION OF GINKGO BILOBA P.E

Product Name	Ginkgo Biloba Extract	Botanical Source	<i>Ginkgo Biloba L</i>
Part Used	Leaves	Country Of Origin	China

ITEMS	SPECIFICATION	Method
Physical&Chemical Data		
Color	Dark Brown	Organoleptic
Odour&Taste	Characteristic	Organoleptic
Appearance	Fine Powder	Organoleptic
Analytical Quality		
Identification	Identical to R.S. sample	HPTLC or TLC
Sieve analysis	98% through 80 mesh	CP2015
Loss on Drying	≤5.0 %	CP2015
Total Ash	≤3.0 %	CP2015
Bulk density	30~90 g/100mL	CP2015
Peak Area Ratio	The peak for Quercetin is 0.8-1.2 times the size of Kaempferol peak	HPLC
Total flavone glycosides	≥24%	HPLC
Ginkgolide	≥6.0%	HPLC
Rutin	≤3.5%	HPLC
Total Sophoricoside	Negative	HPLC
Ginkgo Acid	≤5ppm	CP2015
Free Quercetin	≤1.0%	CP2015
Free Kaempferol	≤1.0%	CP2015
Free Isorhamnetin	≤0.4%	CP2015
Lead (Pb)	≤0.2 mg/kg	Atomic Absorption
Arsenic (As)	≤0.3 mg/kg	Atomic Absorption
Cadmium (Cd)	≤1.0 mg/kg	Atomic Absorption
Mercury (Hg)	≤0.1 mg/kg	Atomic Absorption
Aflatoxin B1	≤2ppb	CP2015
Aflatoxin B2	≤2ppb	CP2015
Aflatoxin G1	≤2ppb	CP2015
Aflatoxin G2	≤2ppb	CP2015
Total PAH	≤50ppb	Ph. Eur. 1881/2006/EC
Solvents Residue	Meet USP	GC
Pesticides Residue	Meet USP	GC
Microbiological		
Total Plate Count	≤1,000 cfu/g	CP2015
Yeast & Mold	≤100 cfu/g	CP2015
E.Coli.	Negative	CP2015
Salmonella	Negative	CP2015
General Status		
Packing	Packed in paper-drums and two plastic-bags inside.	
Storage	Store in sealed containers at cool & dry place to protect from light moisture and pest infestation.	
Shelf life	36 months under the conditions above and in its original packaging.	