



KS
Nutripharma

陕西康盛生物技术有限公司

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Certificate Of Analysis

Product Name	Ginkgo Biloba Extract Water Soluble		
Botanical Source	Ginkgo Biloba L.	Part Used	Leaf
Manufacturing Date	Apr..10,2021	Batch No.	KS20210410
Analysis Date	Apr.09.2021	Expiry Date	Apr.09,2023
Quantity	500kgs	Solvent	Ethanol/Water
Items	Specifications	Results	Methods
Appearance Color Odor	Fine powder Brown Characteristic	Fine powder Brown Characteristic	Visual Visual Organoleptic
Sieve Analysis	100% pass 80 mesh	100% pass 80	80 mesh screen
Identification Ginkgo Flavones Glycoside Terpence Lactones	TLC TLC	Positive Positive	TLC TLC
Total Ginkgo Flavones Glycoside	≥24%	24.92%	HPLC
Quercetin Glycoside		11.08%	
Kaempferol Glycoside		10.93%	
Isorhamnetin Glycoside		2.91%	
Total Terpence Lactones	≥6%	6.38%	HPLC
Lactones A		1.51%	
Lactones B		1.12%	
Lactones C		1.04%	
BilobalidesBB		2.71%	HPLC
Quercetin/ Kaempferol	0.8~1.2	1.0	/
Isorhamnetin/ Quercetin	≥0.15	0.26	/
Solubility	20:1	Complies	/
Loss on Drying	≤5.0%	3.80%	5g/105°C/2hrs
Residue on Ignition	≤0.8%	0.45%	2g/525°C/3hrs
Bulk Density	0.55~0.68g/ml	0.58g/ml	CP2015
Heavy Metals	≤10ppm	2ppm Max	AAS
Lead (Pb)	≤1ppm	Complies	AAS
Arsenic(As)	≤1ppm	Complies	AAS
Mercury(Hg)	≤1ppm	Complies	AAS
Copper(Cu)	≤1ppm	Complies	AAS
Residue of Solvents	≤2000ppm	282ppm	GC
Microbiological			
Total Plate Count	1000cfu/g Max	Complies	AOAC
Yeast & Mold	100cfu/g Max	Complies	AOAC
E. Coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus	Negative	Negative	AOAC
Packing	Double plastic bag inside, Fiber drum outside. Net Weight 25kg		
Storage	Store in cool & dry place. Keep away from strong light and heat.		
QC	Qu Jiaojiao	QA	Li Yaqiang