

SHAANXI YOUGU BIOTECHNOLOGY CO., LTD

CERTIFICATE OF ANALYSIS

Product Name: Ginkgo Biloba Extract 24/6/5 USP	Date Test: May.30,2019	Mfg Date: May.29,2019	
Botanical Name: <i>Ginkgo biloba L.</i>	Plant part: Leaf	Exp. date: May.28,2021	
Batch No.: 19052901	Weight: 800 kg	Origin: China	
Items	SPECIFICATIONS	Results	METHOD/STANDARD
Characters	Powder	Qualified	Organoleptic
Color	Light brown yellow	Qualified	Organoleptic
Odor& Taste	Strong& Characteristic	Qualified	Organoleptic
OVI	CP2010 Requirements	Qualified	CP2010
Loss on drying	≤5.0%	3.29%	5g/105°C/2.5hrs
Residue on ignition	≤0.8%	3.24%	2g/525°C/3hrs
Identification:		Positive(+)	By HPLC/TLC/IR
Assay	≥24.0% Ginkgo Flavones	24.93%	HPLC
	Quercetin Glycoside	13.51%	HPLC
	Kaempferol Glycoside	10.40%	HPLC
	Isorhamnetin Glycoside	1.02%	HPLC
	≥6%Total Terpenes Lactones	6.32%	HPLC
	Quercetin/ Kaempferol (0.8-1.5)	1.30	HPLC
	A(LactonesA)	1.51%	HPLC
	B(LactonesB)	1.19%	HPLC
	C(LactonesC)	2.32%	HPLC
	(Bilobalides)BB	1.30%	HPLC
Heavy Metals	≤10ppm	Qualified	ICP-MS
Pb	≤0.5ppm	Qualified	ICP-MS
As	≤2ppm	Qualified	ICP-MS
Hg	≤0.1ppm	Qualified	ICP-MS
Cd	≤0.1ppm	Qualified	ICP-MS
Microbiological			
Total Plate Count	1000cfu/g Max	<100cfu/g	AOAC
Yeast& Mold	100cfu/g Max	<50cfu/g	AOAC
E.Coli colonies/g	Negative(-)	Negative	AOAC
Samonella colonies/g	Negative(-)	Negative	AOAC
General Status			
GMO Free	None	Qualified	
Non-Irradiation	None	Qualified	

Conclusion: Confirm to USP

Packing: Packed in paper-drums and two plastic-bags inside N.W: 25kgs. I.D. 35 x H51cm

Storage: Cool&dry place. Do not freeze. Keep away from strong light and heat

Shelf life: 2 Years under the conditions above and in its original packaging.

QC MANAGER:  Jianyuan Cai

APPROVER:  Zhengrong Liao

ANALYST:  Wangjing Sun