

A Clover Nutrition Inc www.clovernutrition.com

A Clover Leads to Natural Life.

Address: No. 43, 6th road Hi-tech, Hi-tech Zone, Xi'an, China

Certificate of Analysis

Product Name	Ginkgo Biloba Extract	Latin Name	Ginkgo biloba
Batch No.	CNGB151117	Mfg Date/Expi Date	Nov 17 th . 2015/Nov 17 th . 2017
Quantity	300KGS	Part Used	Leaf
Items	Specifications	Results	
Appearance	Light yellow fine powder	Complies	
Odor/Taste	Characteristics	Complies	
Partical Size	98% through 80 meshes	100% through 80 meshes	
Loss on Drying	≤5.0%	3.62%	
Ash	≤5.0%	3.58%	
Total Flavone Glycosides	24.00% HPLC	25.75% 【Quercetin <u>12.65%</u> Kaempferol <u>10.64%</u> Isorhamnetin <u>2.46%</u> 】 Q/K=1.19 I/Q=0.19 HPLC	
Total Terpene Lactones	6.00% HPLC	6.84% 【 GA=1.99% GB=1.32% GC=0.86%】 HPLC	
GA+GB+GC	2.80~6.20% HPLC	4.17% HPLC	
Bilobalides	2.60~5.80% HPLC	2.67% HPLC	
Total Ginkgolic Acid	≤5PPM	Complies	
Rutin	≤4.0% HPLC	3.8% HPLC	
Free Quercetin	≤0.5% HPLC	0.49% HPLC	
Free Kaempferol	≤0.5% HPLC	0.42% HPLC	
Free Isorhamnetin	≤0.2% HPLC	0.18% HPLC	
Heavy Metals	≤20 ppm	Complies	
As	≤2.00 ppm	Complies	
Pb	≤2.00 ppm	Complies	
Hg	≤2.00 ppm	Complies	
Cd	≤1.00 ppm	Complies	
Pesticide Residue			
Acephate	<0.5 PPM	Complies	
Methamidophos	<0.5 PPM	Complies	
Parathion	<0.5 PPM	Complies	
PCNB	<10PPB	Complies	
Total of Plate Count	<10000CFU/g	290CFU/g	
Yeast and Mold	<1000CFU/g	89CFU/g	
Salmonella	Negative	Complies	
E.coli	Negative	Complies	
Storage/Packaging	Store in cool & dry place & Keep away from light.		

	Storage temperature: -10°C to 30°C. 25kg in one type cardboard drum.		
Shelf Life	24 months when properly stored		
Conclusion	CNGB151117 batch is qualified to delivery according to test report of certification of analysis.		
Report Date:	Nov 17 th . 2015	QC	He Tao