

Certificate of Analysis

Product Name:	Ginkgo Biloba Extract 24/6 Acid<5.0PPM, CP2010 Grade	Botanical Source:	Ginkgo Leaf
Batch No.:	20100928	Manufacturing Date:	Sep. 28, 2010
Batch Quantity:	1000Kgs, 25Kgs/Drums, 40 Drums.	Expiration Date:	Sep. 27, 2013

Item	Specification	Result	Method
Description			
Appearance	Light yellow fine powder	Complies	Visual
Odor / Taste	Characteristic	Complies	Organoleptic
Extract Solvent	Ethanol & Water	Complies	
Excipient	None	Complies	
Particle Size	100% Through 80 mesh	Complies	CP2005
Bulk Density	0.55g/ml~0.68g/ml	Complies	CP2005
Maker Compounds			
Total Flavone Glycosides	≧ 24.00%	26.81%	HPLC
Quercetin		12.69%	HPLC
Kaempferol		11.32%	HPLC
Isorhamnetin		2.80%	HPLC
Quercetin: Kaempferol	0.80~1.25%	1.12	
Total Terpene Lactones	≧ 6.00%	7.05%	HPLC
Ginkgolides (A)		2.29%	HPLC
Ginkgolides (B)		0.96%	HPLC
Ginkgolides (C)		1.21%	HPLC
Bilobalides		2.59%	HPLC
Total Ginkgolic Acid	≧ 5.00PPM	Complies	HPLC
Chemical Test			
Loss on Drying	≧ 5.00%	2.80%	CP2005
Ash content	≧ 0.80%	Complies	CP2005
Heavy Metals	≧ 3.0PPM	Complies	Atomic Absorption
Lead	≧ 0.5PPM	Complies	Atomic Absorption
Arsenic	≧ 0.5PPM	Complies	Atomic Absorption
Cadmium	≧ 0.1PPM	Complies	Atomic Absorption
Mercury	≧ 0.1PPM	Complies	Atomic Absorption
Pesticides Residue	Not Detected	Not Detected	Gas Chromatography
Microbiological Tests			
Total Plate Count	≧ 1000Cfu/g	Complies	CP2005
Yeast & Mold	≧ 50Cfu/g	Complies	CP2005
E. Coli.	Negative	Negative	CP2005
Salmonella	Negative	Negative	CP2005
Staphylococcus	Negative	Negative	CP2005
Aflatoxins (B1,B2,G1,G2)	≧ 0.2PPB	Complies	CP2005
Storage :	Store in cool and dry place, keep away from strong light and heat.		
Genetic Modification State:	This product is GMO free products.		
Free Radiation Effect:	This product is not been irradiated.		

Test by:  Date: Oct. 03, 2010

Result: 

Approved by:  Date: Oct. 03, 2010

