

Certificate of Analysis

Product Name:	Water-soluble Ginkgo Biloba Extract 24/6<5ppm	Botanical Source:	Ginkgo
Batch No.:	20100925	Manufacturing Date:	Sep. 25, 2010
Batch Quantity:	1000Kgs, 25Kg / Drums, 40 Drums.	Expiration Date:	Sep. 24, 2013

Item	Specification	Result	Method
Description			
Appearance	Light yellow fine powder	Complies	Visual
Odor / Taste	Characteristic	Complies	Organoleptic
Part Used	Leaf	Complies	
Extract Solvent	Ethanol & Water	Complies	
Excipient	None	Complies	
Particle Size	100% Through 80 mesh	Complies	
Bulk Density	0.55g/ml~0.68g/ml	Complies	
Maker Compounds			
Total Flavone Glycosides	≧24.00%	26.07%	HPLC
Quercetin		12.05%	HPLC
Kaempferol		10.56%	HPLC
Isorhamnetin		3.46%	HPLC
Total Terpene Lactones	≧6.00%	7.05%	HPLC
Ginkgolides (A)		1.97%	HPLC
Ginkgolides (B)		0.66%	HPLC
Ginkgolides (C)		1.05%	HPLC
Bilobalides		3.37%	HPLC
Total Ginkgolic Acid	≦5.00PPM	<1.00PPM	HPLC
Solubility	5g Ginkgo Biloba Extract will be dissolved completely in 100g water at 20°C.		
Chemical Test			
Loss on Drying	≦5.00%	2.80%	CP2005
Ash content	≦1.50%	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: Sep. 30, 2010

Result: 

Approved by:  Date: Sep. 30, 2010



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