



四川青益纯医药科技有限公司
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CERTIFICATE OF ANALYSIS

Product Name	Ginkgo Biloba Extract	Code	BPBE-632-D
Botanical Source	Ginkgo biloba L.	Used Part	Dry leaves
Batch No.	H030463217D	Mfg. Date	Apr. 10, 2017
Packing	25kg/Drum	Retest Date	Apr. 09, 2020
Quantity	1000kg	Report Date	Apr. 18, 2017
Specification	USP39 (Extract Ratio is between 35:1~67:1, by Ethanol & Water)		

ITEM	SPECIFICATION	RESULT
Assay(HPLC, on dried basis):		
Total Flavonol Glycosides	22.0% - 27.0%	24.90%
Total Terpene Lactones	5.4% - 12.0%	6.78%
Ginkgolide (A+B+C)	2.8%-6.2%	3.80%
Bilobalides	2.6%-5.8%	2.81%
Free Quercetin	< 0.5%	0.39%
Free Rutin	< 4.0%	2.89%
Ginkgolic Acid(C13, C15 & C17)	≤5ppm	1.13ppm
Appearance	Brownish red fine Powder	Complies
Odor	Characteristic	Complies
Taste	Characteristic	Complies
Particle Size	100% pass 80 mesh	Complies
Identification	A) TLC meet Ginkgo biloba extract B) HPLC meet Ginkgo biloba extract	Complies
Loss on Drying	≤5.0%	2.4%
Ash	≤0.8%	0.2%
Heavy Metals	≤10ppm	Complies
-Pb	≤3ppm	Complies
-As	≤3ppm	Complies
-Hg	≤0.1ppm	Complies
Pesticide residue	US Pharma.	Complies
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-Coliforms	<3.0MPN/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
-S. aureus	Negative	Negative
Conclusion	Comply with USP39.	
Storage	Preserve in tight containers, protected from strong light and high heat. Store in dry cool place.	

Analyst:

QC Manager:

QA:

Benepure—Natural Ingredients Specialist.

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