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CERTIFICATE OF ANALYSIS

Product name	Echinacea Purpurea Powder Extract
Botanical source	<i>Echinacea purpurea(L.) Moench</i>
Plant part used	Air Herb
Batch Number	CHZZ120504
Batch Quantity	200Kg
Manufacture Date:	May 16,2012
Date of Certificate	May 18,2012

ANALYSIS	SPECIFICATION	RESULTS
Appearance	Brownish-yellow fine powder	Complies
Odor	Characteristic	Complies
Assay (HPLC)	Cichoric acid>4.0%	4.08%
Sieve analysis	100% pass 80 mesh	Complies
Loss on Drying	<5.0%	4.32%
Ash	<5.0%	2.32%
Heavy Metal		
Pb	<2ppm	Complies
As	<2ppm	Complies
Hg	<2ppm	Complies
Residual Solvent	Eur.Pharm	Complies
Microbiology		
Total Plate Count	≤1000cfu/g	Complies
Yeast & Moulds	≤100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform with specification
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.
Shelf life	2 years when properly stored

Quality Assurance Officer

Quality Control