

A Clover Nutrition Inc www.clovernutrition.com

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Certificate of Analysis

Product Name	Echinacea Extract	Latin Name	Echinacea angustifolia
Batch No.	CNEE1509015	Mfg Date/Expi Date	Sep 15 th . 2015/Sep 15 th . 2017
Quantity	1000KGS	Part Used	Root
Non-Irradiated, Non-GMO			
Items	Specifications	Results	
Appearance	Light Yellow or Green Yellow Powder	Complies	
Odor/Taste	Characteristics	Complies	
Partical Size	98% through 80 meshes	100% through 80 meshes	
Loss on Drying	≤5.0%	3.25%	
Ash	≤5.0%	2.86%	
Assay	4:1 TLC	4:1 TLC	
Heavy Metals	≤10 ppm	Complies	
As	≤1.00 ppm	Complies	
Pb	≤1.00 ppm	Complies	
Hg	≤1.00 ppm	Complies	
Cd	≤0.50 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	278CFU/g	
Yeast and Mold	<1000CFU/g	85CFU/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	CNEE1509015 batch is qualified to delivery according to test report of certification of analysis.		
Report Date:	Sep 16 th . 2015	QC	He Tao