

A Clover Nutrition Inc www.clovernutrition.com

A Clover Leads to Natural Life. info@clovercn.com

Address: No. 43, 6th road Hi-tech, Hi-tech Zone, Xi'an, China

Certificate of Analysis

Product Name	Black Pepper Extract	Latin Name	Piper nigrum L
Batch No.	CNBP160518	Mfg Date/Expi Date	May 18 th . 2016/May 06 th . 2018
Quantity	200KGS	Part Used	Seed
Items	Specifications	Results	
Appearance	Yellow Yellow Fine Powder	Complies	
Odor/Taste	Characteristics	Complies	
Partical Size	98% through 80 meshes	100% through 80 meshes	
Loss on Drying	≤10.0%	2.05%	
Ash	≤10.0%	1.68%	
Assay(Piperine Content)	≥98.00% Min HPLC	98.12% HPLC	
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	290CFU/g	
Yeast and Mold	<1000CFU/g	89CFU/g	
Salmonella	Negative	Complies	
E.coli	Negative	Complies	
Storage/Packaging	Store in cool & dry place & Keep away from light. Storage temperature: -10℃ to 30℃. 25kg in one type cardboard drum.		
Shelf Life	24 months when properly stored		
Conclusion	CNBP160518 batch is qualified to delivery according to test report of certification of analysis.		
Report Date:	May 18 th . 2016	QC	He Tao
A Clover Nutrition Inc is a manufacturer of tea products, herbal extract, functional food for use in dietary supplements, food, beverage, flavors and cosmetics.			