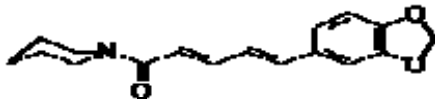


CERTIFICATE OF ANALYSIS

NO: DYC051504141

Product name	Piperine, 98%
Botanical source	Pepper nigruml.
Plant part used	Fruit
CAS Number	94-62-2
Molecule Structure	
Molecule Formula	C17H19NO3
Batch number	20150116
Manuf. Date	2015-01-16
Testing date	2015-01-19

Items	Standard	Result
Appearance	Light yellow to off white powder	Complies
Odor	Characteristic	Complies
Assay (HPLC)	Piperine $\geq$ 98.0%	98.3%
Sieve analysis	NLT 95% pass 80 mesh	Complies
Loss on Drying	$\leq$ 5.0%	Complies
Residue on Ignition	$\leq$ 0.1%	0.05%
Heavy Metal	<10ppm	Complies
As	<0.2ppm	Complies
Pb	<1.0ppm	Complies
<b>Microbiology</b>		
Total Plate Count	<1000cfu/g	Complies
Yeast & Moulds	<100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

QUALITY CONTROL:   
 Hangzhou Dingyan Chem Co., Ltd.  
 Quality Control  
 Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风