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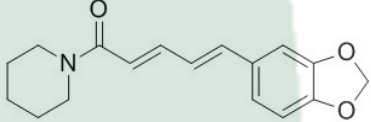
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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URL: www.tautobiotech.com

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PRODUCT ID	E-0320	Structure 
PRODUCT	Piperine /胡椒碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17062923	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-06-29	
DATE OF REPORT	2017-06-29	

OTHER NAME

1-Piperoylpiperidine

CHEMICAL FORMULA

C₁₇H₁₉NO₃

MOLECULAR WEIGHT(MW)

285.34

CAS NUMBER

94-62-2

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

胡椒科植物胡椒Piper nigrum L. 的干燥近成熟或成熟果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

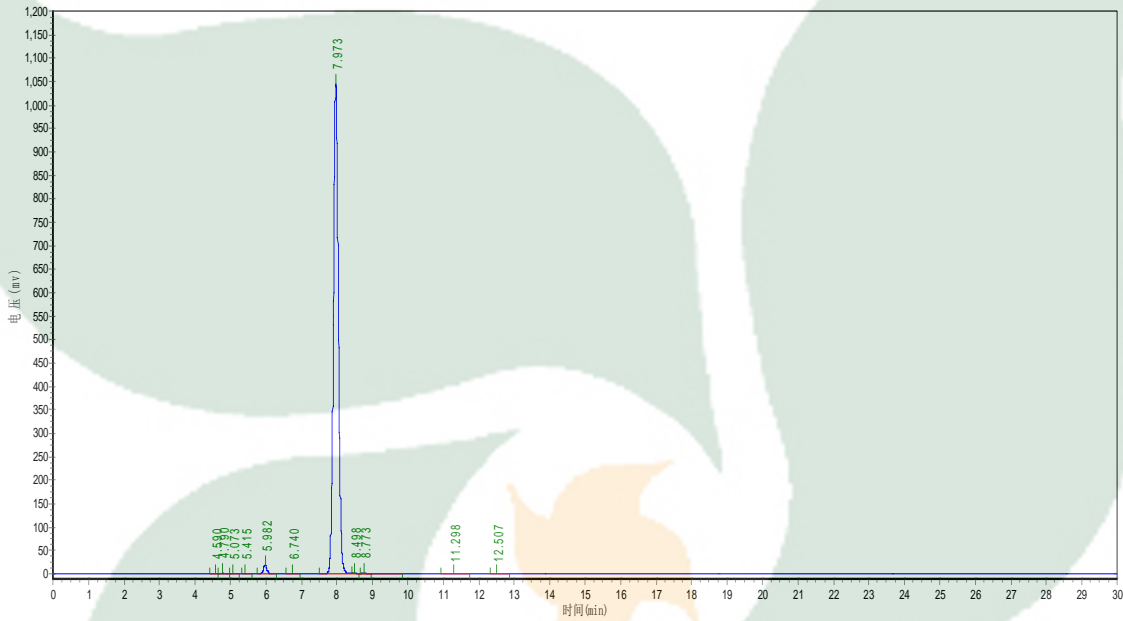
Analyst

Checker

Manager

Product Analysis Report

Product Name: Piperine Chrom-Column: C18
Lot Number: 17062923 Mobile Phase: ACN:0.1%H₃PO₄=60:40
Detector: UV Wavelength: 350nm
Detect Time: 2017-06-29 Inject Vol: 20ul
Analyst: zhanghong Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.590	284.990	1865.181	0.0179
2	4.790	1439.778	9933.473	0.0954
3	5.073	140.061	1000.550	0.0096
4	5.415	64.265	448.800	0.0043
5	5.982	17969.416	136724.656	1.3128
6	6.740	52.362	574.700	0.0055
7	7.973	1044550.750	10234812.000	98.2748
8	8.498	318.957	2054.050	0.0197
9	8.773	1304.600	11638.399	0.1118
10	11.298	1062.907	14712.700	0.1413
11	12.507	46.333	717.800	0.0069