



同田生物
TAUTO BIOTECH

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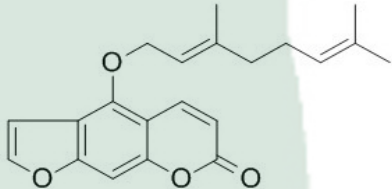
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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PRODUCT ID	E-3096	Structure 
PRODUCT	Bergamottin/佛手柑素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060421	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-04	
DATE OF REPORT	2018-06-04	

OTHER NAME Bergaptin; Bergaptime; 5-Geranoxy-psoralen

CHEMICAL FORMULA C₂₁H₂₂O₄

MOLECULAR WEIGHT(MW) 338.4

CAS NUMBER 7380-40-7

CHEMICAL FAMILY Coumarins

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK618—2010	NLT ≥98.0%	99.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK618—2010	NA	ND
Water	Q/TFFK618—2010	≤2%	Conforms
Appearance		White powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

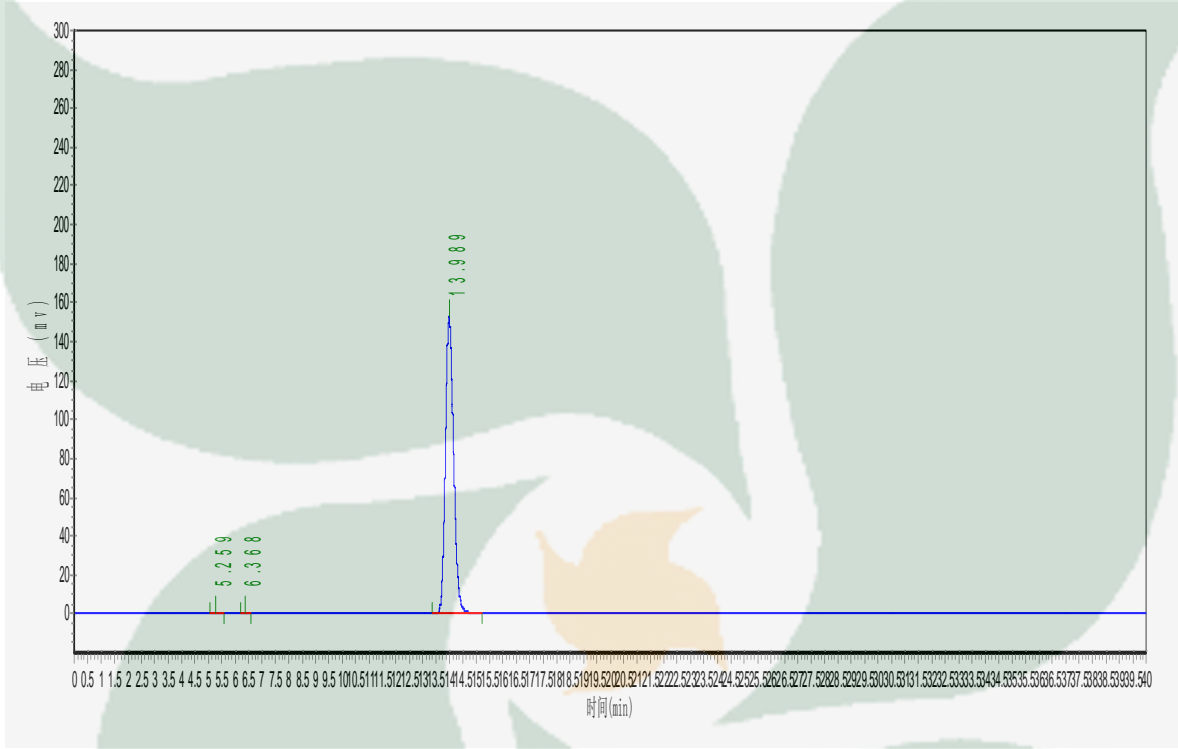
Analyst

Checker

Manager

Product Analysis Report

Product Name: Bergamottin **Chrom-Column:** C18
Lot Number: 18060421 **Mobile Phase:** ACN:H2O=80:20
Temperature: 25°C **Wavelength:** 310nm
Detect Time: 2018-06-04 **Inject Vol:** 20ul
Sample dissolution: 70%MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.259	634.129	7632.900	0.2337
2	6.368	467.000	5290.550	0.1620
3	13.989	152577.906	3253192.000	99.6043