



同田生物  
TAUTO BIOTECH

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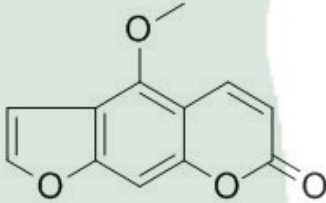
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

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<b>PRODUCT ID</b>	E-0127	<b>Structure</b> 
<b>PRODUCT</b>	Bergapten /佛手柑内酯	
<b>STANDARD TYPE</b>	Quantitative Reference Standard/ 含量测定	
<b>LOT NUMBER</b>	18062741	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-06-27	
<b>DATE OF REPORT</b>	2018-06-27	

**OTHER NAME** 5-Methoxypsoralen

**CHEMICAL FORMULA** C<sub>12</sub>H<sub>8</sub>O<sub>4</sub>

**MOLECULAR WEIGHT(MW)** 216.18952

**CAS NUMBER** 484-20-8

**CHEMICAL FAMILY** Coumarins

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK429—2007	NLT ≥98.0%	99.8%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK429—2007	NA	ND
Water	Q/TFFK429—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

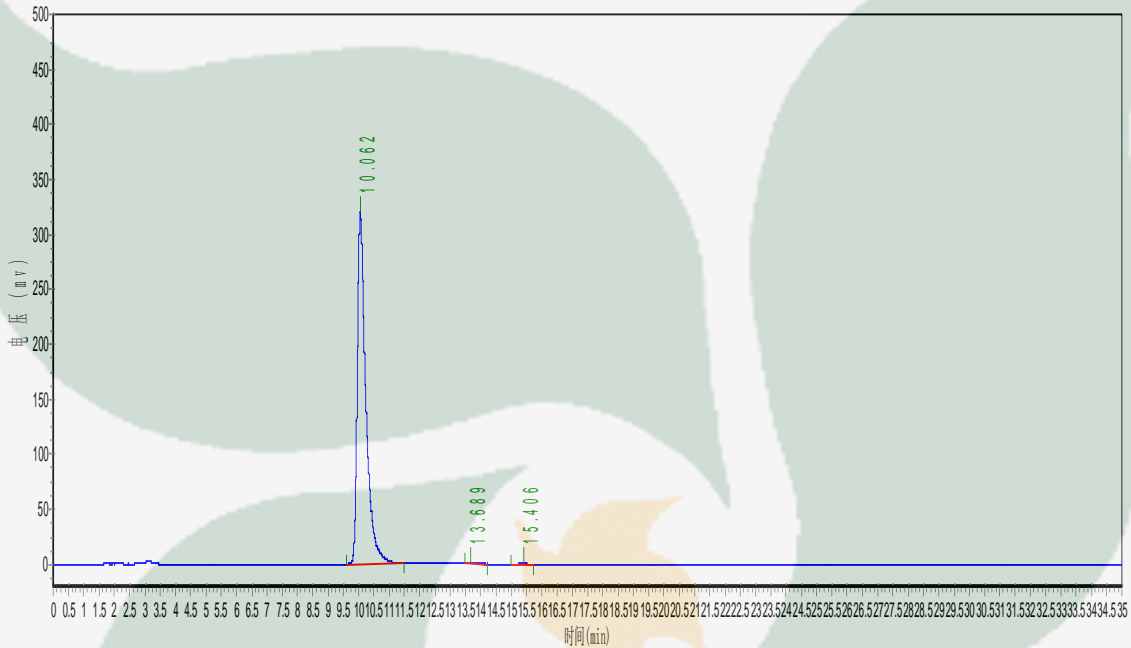
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Bergapten      Chrom-Column: C18  
Lot Number: 18062741      Mobile Phase: ACN: 0.1%H3PO4 (50: 50)  
Detector: UV      Wavelength: 320nm  
Detect Time: 2018-06-27      Inject Vol: 20ul  
Sample ACN: 0.1%H3PO4-2:1      Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	10.062	320559.781	6246465.000	99.8615
2	13.689	202.279	4487.341	0.0717
3	15.406	186.205	4177.400	0.0668