



**同田生物**  
**TAUTO BIOTECH**

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<b>PRODUCT ID</b>	E-2358	<b>Structure</b>  
<b>PRODUCT</b>	Obtusifolin/美决明子素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	15011322	
<b>ASSAY METHOD</b>	HPLC,NMR	
<b>DATE OF SAMPLE</b>	2015-01-13	
<b>DATE OF REPORT</b>	2015-01-13	

**CHEMICAL NAME**

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>16</sub>H<sub>12</sub>O<sub>5</sub>

**MOLECULAR WEIGHT(MV)**

284.26

**CAS NUMBER**

477-85-0

**CHEMICAL FAMILY**

**FROM**

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK528—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK528—2007	NA	ND
Water	Q/TFFK528—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

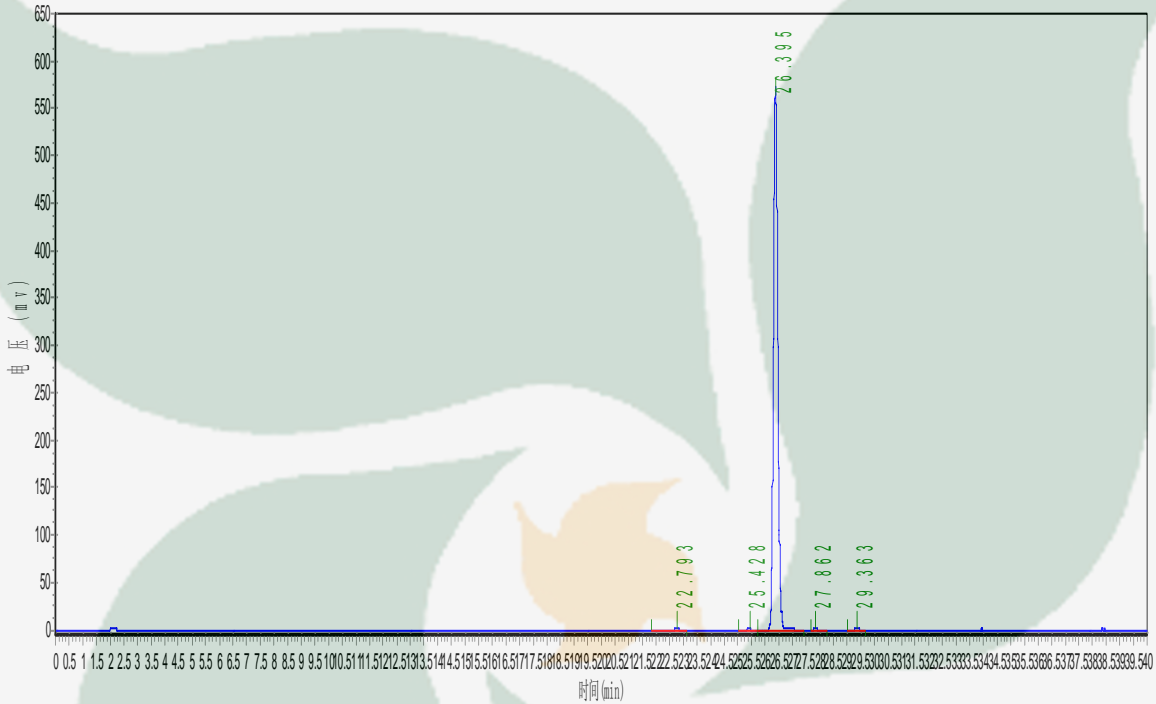
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Obtusifolin      **Chrom-Column:** C18  
**Lot Number:** 15011322      **Mobile Phase:** ACN:0.1%H3PO4(grads)  
**Detector:** UV      **Wavelength:** 284nm  
**Detect Time:** 2015-01-13      **Inject Vol:** 20ul  
**Analyst:** shuzhilin      **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	22.793	580.000	8430.700	0.1339
2	25.428	474.143	5882.200	0.0934
3	26.395	566430.313	6272939.000	99.6377
4	27.862	242.706	3645.500	0.0579
5	29.363	439.600	4851.560	0.0771

Grads

time/min	0	15	30	40
ACN	40	40	90	90
0.1%H3PO4	60	60	10	10