



同田生物
TAUTO BIOTECH

地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

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

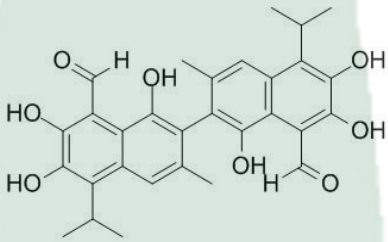
传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com

export2@tautobiotech.com

PRODUCT ID	E-0874	Structure 
PRODUCT	Gossypol/棉酚	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18010941	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-01-09	
DATE OF REPORT	2018-01-09	

OTHER NAME

Thespesin

CHEMICAL FORMULA

C₃₀H₃₀O₈

MOLECULAR WEIGHT(MV)

518.55

CAS NUMBER

303-45-7

CHEMICAL FAMILY

Phenols

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK512—2007	NLT ≥98.0%	98.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK512—2007	NA	ND
Water	Q/TFFK512—2007	≤2%	Conforms
Appearance		Pale yellow powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Gossypol

Chrom-Column: C18

Lot Number: 18010941

Mobile Phase: MeOH:0.1%H3PO4(85:15)

Detector: UV

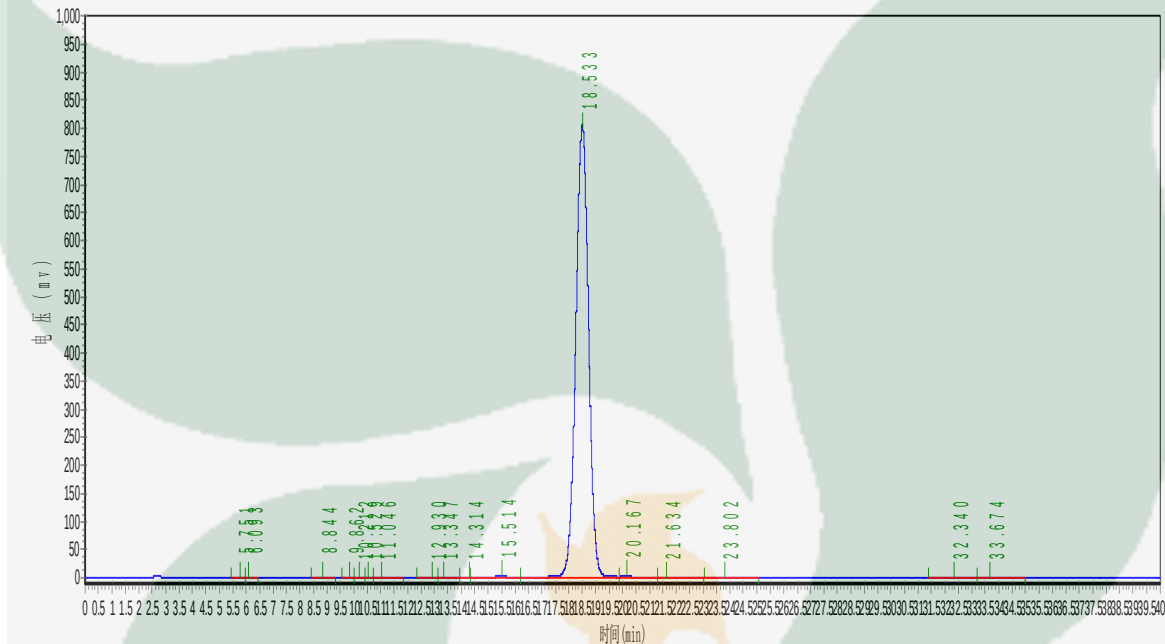
Wavelength: 238nm

Detect Time: 2018-01-09

Inject Vol: 20ul

Sample dissolution: MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.751	1480.317	18467.199	0.0676
2	6.093	624.100	9098.000	0.0333
3	8.844	488.386	11611.375	0.0425
4	9.862	302.565	4839.896	0.0177
5	10.212	278.391	5147.933	0.0189
6	10.529	229.710	3552.478	0.0130
7	11.046	302.072	5934.893	0.0217
8	12.930	974.596	22116.598	0.0810
9	13.347	1276.308	33787.555	0.1237
10	14.314	234.439	4253.105	0.0156
11	15.514	3645.809	145318.750	0.5322
12	18.533	806863.313	26841424.000	98.3044
13	20.167	2845.991	130279.516	0.4771
14	21.634	488.776	35992.570	0.1318
15	23.802	559.277	25888.732	0.0948

16	32.340	53.852	3455.300	0.0127
17	33.674	75.926	3240.100	0.0119

