



**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

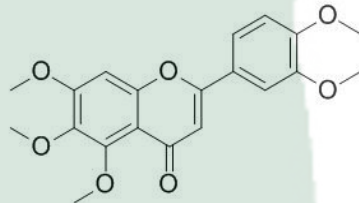
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

<b>PRODUCT ID</b>	E-0595	<b>Structure</b>  
<b>PRODUCT</b>	Sinensetin/甜橙黄酮	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18032121	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-03-21	
<b>DATE OF REPORT</b>	2018-03-21	

**OTHER NAME** 3',4',5,6,7-Pentamethoxyflavone

**CHEMICAL FORMULA** C<sub>20</sub>H<sub>20</sub>O<sub>7</sub>

**MOLECULAR WEIGHT(M)** 372.39

**CAS NUMBER** 2306-27-6

**CHEMICAL FAMILY** Flavonoids

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK340—2007	NLT ≥98.0%	98.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK340—2007	NA	ND
Water	Q/TFFK340—2007	≤2%	Conforms
Appearance		yellow powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

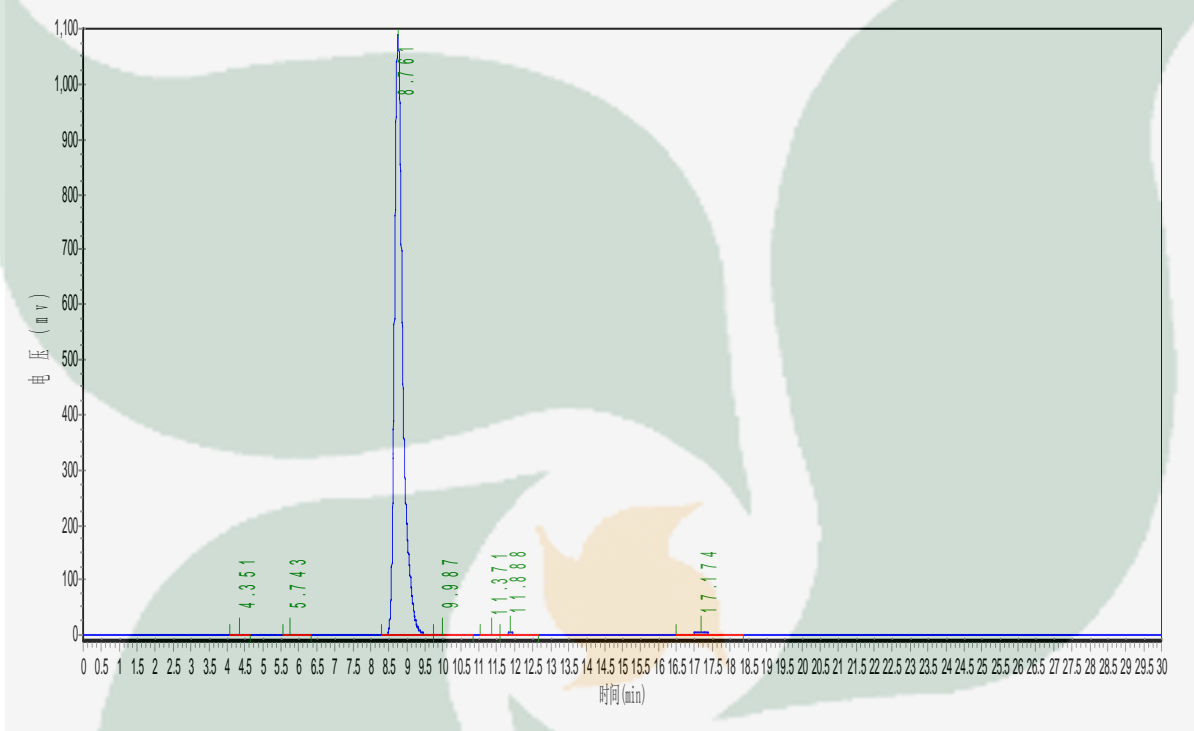
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Sinensetin      **Chrom-Column:** C18  
**Lot Number:** 18032121      **Mobile Phase:** ACN: H2O(50:50)  
**Temperature:** 25°C      **Wavelength:** 270nm  
**Detect Time:** 2018-03-21      **Inject Vol:** 20μL  
**Sample dissolution:** MeOH      **Flow:** 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.351	820.314	10345.400	0.0579
2	5.743	2419.432	43490.680	0.2433
3	8.761	1088191.375	17546364.000	98.1474
4	9.987	1559.575	38561.418	0.2157
5	11.371	1090.510	18664.215	0.1044
6	11.888	3394.051	69280.086	0.3875
7	17.174	4960.126	150863.797	0.8439