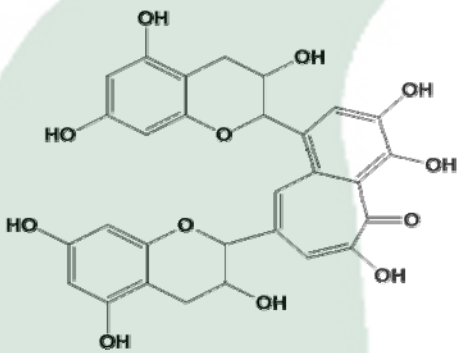


PRODUCT ID	E-0818	<p style="text-align: center;">Structure</p> 
PRODUCT	Theaflavin/茶黄素	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	16123032	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-12-30	
DATE OF REPORT	2016-12-30	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₂₉H₂₄O₁₂

MOLECULAR WEIGHT(MW)

546.49

CAS NUMBER

4670-5-7

CHEMICAL FAMILY

FROM

Catechins

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK88—2007	NLT ≥96.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK88—2007	NA	ND
Water	Q/TFFK88—2007	≤2%	Conforms
Appearance		Pale brown powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

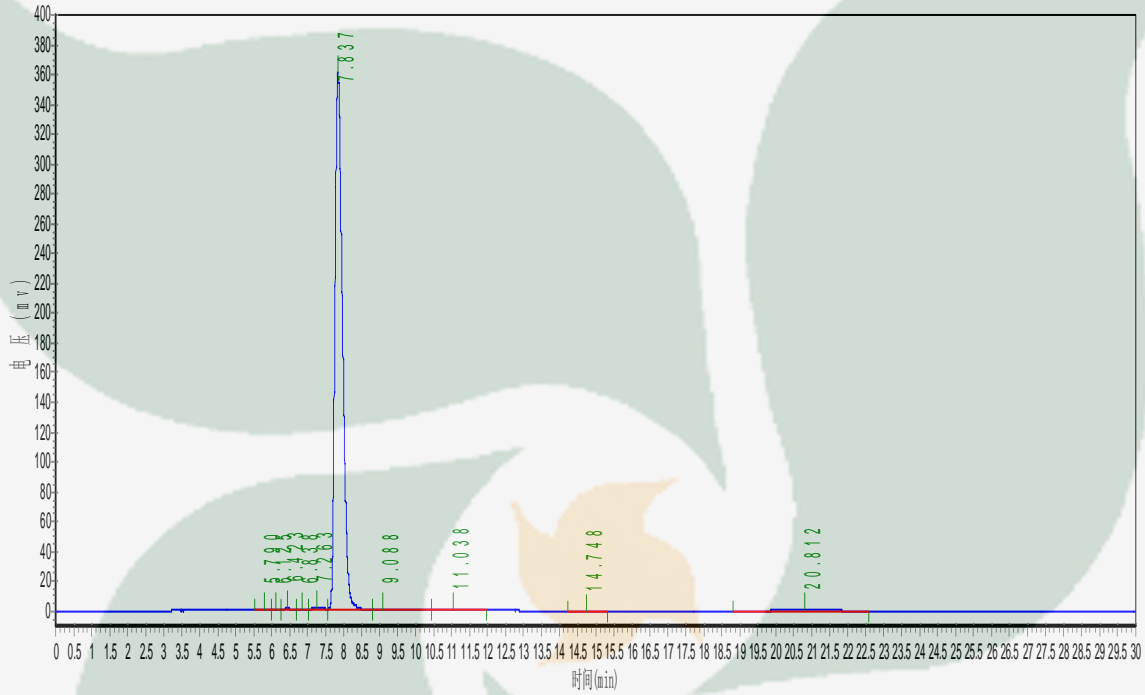
Analyst

Checker

Manager

Product Analysis Report

Product Name: Theaflavin **Chrom-Column:** C18
Lot Number: 16123032 **Mobile Phase:** ACN:0.1%H3PO4=30:
70
Detector: UV **Wavelength:** 272nm
Detect Time: 2016-12-30 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.790	198.787	3412.052	0.0625
2	6.125	464.609	5603.623	0.1027
3	6.423	1147.141	17898.783	0.3280
4	6.838	876.467	13244.020	0.2427
5	7.263	2110.775	43311.430	0.7937
6	7.837	361017.031	5259158.000	96.3707
7	9.088	969.181	31907.385	0.5847
8	11.038	650.305	16112.703	0.2953
9	14.748	124.139	3051.400	0.0559
10	20.812	597.404	63518.148	1.1639