



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-0819	<p style="text-align: center;">Structure</p>
PRODUCT	Theaflavine-3,3'-digallate/茶黄素-3,3'-双没食子酸	
STANDARD TYPE	Qualitative Reference Material/含量测定	
LOT NUMBER	17071111	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-07-11	
DATE OF REPORT	2017-07-11	

CHEMICAL NAME

OTHER NAME

TFBG

CHEMICAL FORMULA

C₄₃H₃₂O₂₀

MOLECULAR WEIGHT(MW)

868.7

CAS NUMBER

33377-72-9

CHEMICAL FAMILY

FROM

Camellia sinensis(L.)O. Kuntze.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK293—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK293—2007	NA	ND
Water	Q/TFFK293—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

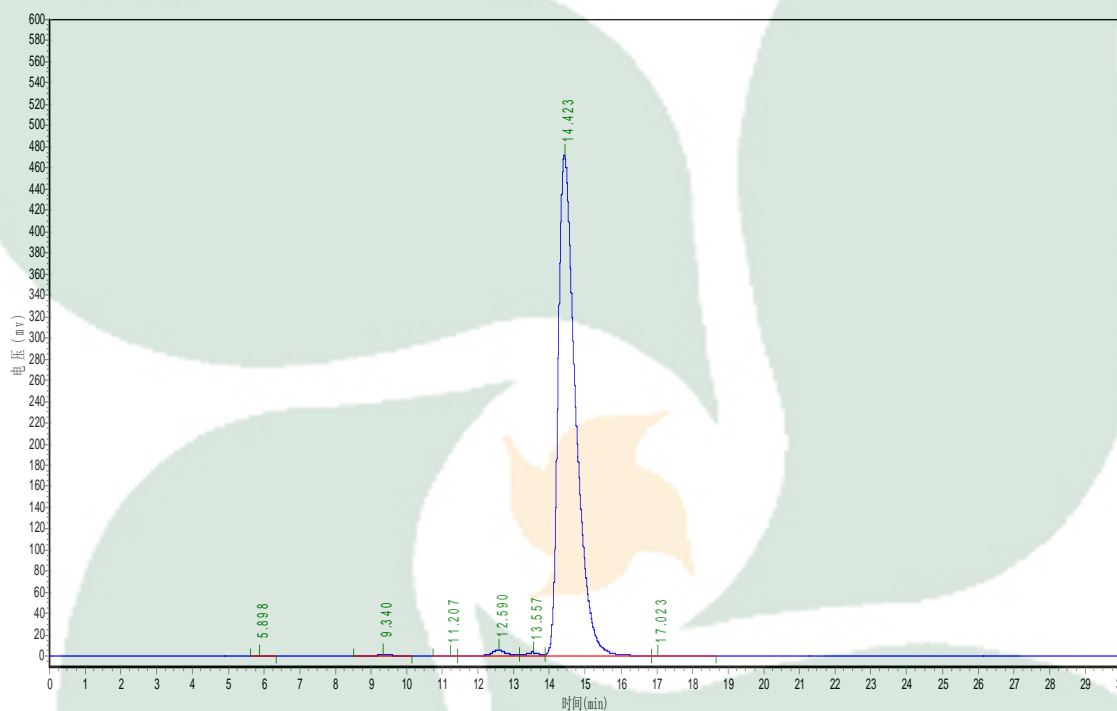
Product Name: Theaflavine-3,3'-digallate
Chrom-Column: C18

Lot Number: 17071111
Mobile Phase: ACN:0.1%H3PO4 (28:73)

Detector: UV
Wavelength: 272nm

Detect Time: 2017-07-11
Inject Vol: 20ul

Analyst: shuzhilin
Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.898	139.812	3158.500	0.0193
2	9.340	1818.237	46512.102	0.2836
3	11.207	152.996	3988.738	0.0243
4	12.590	5199.055	171468.297	1.0455
5	13.557	3271.903	89675.648	0.5468
6	14.423	470698.188	16072114.000	97.9963
7	17.023	347.015	13811.549	0.0842