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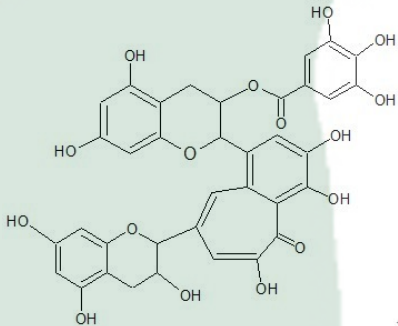
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PRODUCT ID	E-0820	Structure 
PRODUCT	Theaflavin-3-Gallate/茶黄素-3-没食子酸酯	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16090121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-09-01	
DATE OF REPORT	2016-09-01	

CHEMICAL NAME

OTHER NAME

TF-3-G

CHEMICAL FORMULA

C₃₆H₂₈O₁₆

MOLECULAR WEIGHT(MW)

716.6

CAS NUMBER

30462-34-1

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

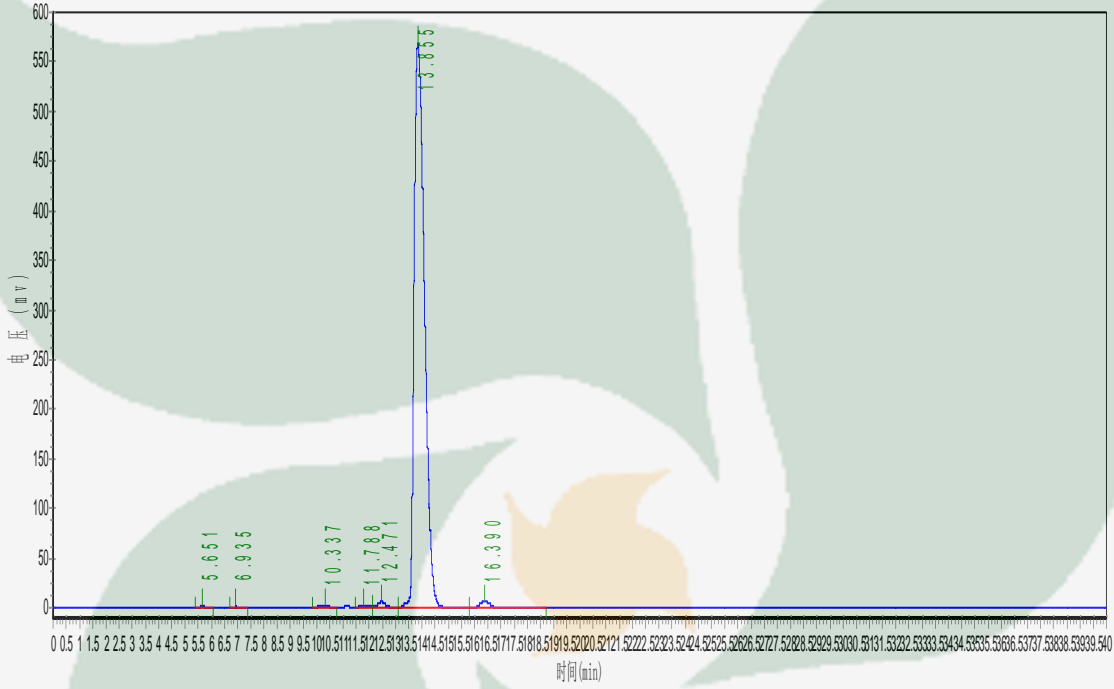
Analyst

Checker

Manager

Product Analysis Report

Product Name: Theaflavin-3-Gallate **Chrom-Column:** C18
Lot Number: 16090121 **Mobile Phase:** ACN:0.1%H3PO4 (28:72)
Detector: UV **Wavelength:** 272nm
Detect Time: 2016-09-01 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.184	273.102	5109.654	0.0319
2	6.935	1091.249	13810.590	0.0864
3	10.337	1674.804	52081.641	0.3260
4	11.788	2254.707	55500.211	0.3474
5	12.471	5397.971	128768.773	0.8060
6	13.855	568218.750	15528953.000	97.2053
7	16.390	6359.536	172914.672	1.0824