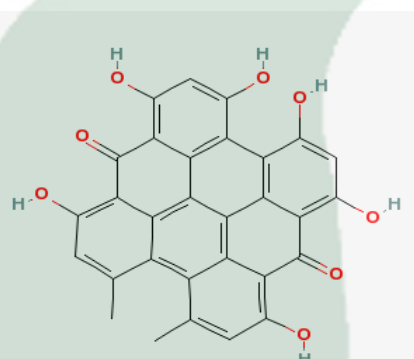


PRODUCT ID	E-0312	Structure 
PRODUCT	Hypericin /金丝桃素	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16042722	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2016-04-27	
DATE OF REPORT	2016-04-27	

CHEMICAL NAME 1,3,4,6,8,13-Hexahydroxy-10,11-dimethylphenanthro(1,10,9,8-opqra)perylene-7,14-dione

OTHER NAME Hypericum red

CHEMICAL FORMULA C₃₀H₁₆O₈

MOLECULAR WEIGHT(M) 504.44324

CAS NUMBER 548-04-9

CHEMICAL FAMILY Flavonoids黄酮类

FROM 藤黄科金丝桃属植物金丝桃Hypericum chinense L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK318—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK318—2007	NA	ND
Water	Q/TFFK318—2007	≤2%	Conforms
Appearance		Purple powde	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

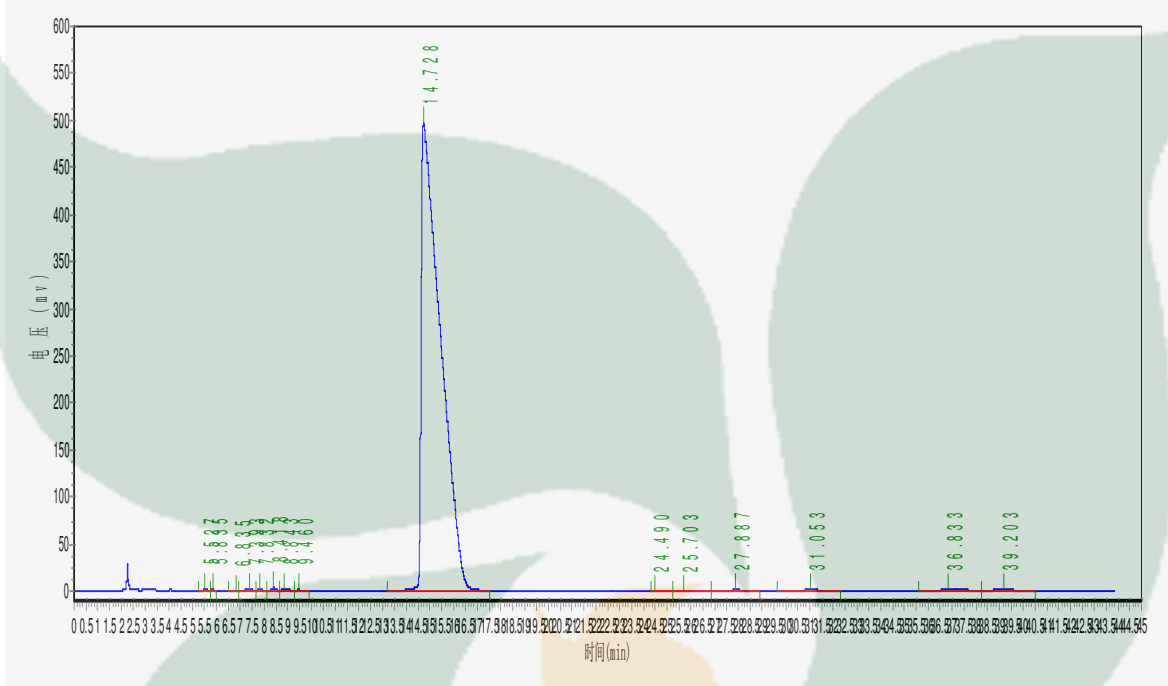
Analyst

Checker

Manager

Product Analysis Report

Product Name: Hypericin **Chrom-Column:** C18
Lot Number: 16042722 **Mobile Phase:** ACN:0.1%H₃PO₄(TEA PH=7)=85:15
Temperature: 25°C **Wavelength:** 590nm
Detect Time: 2016-04-27 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.527	1340.165	15266.294	0.0533
2	5.835	1190.810	8156.869	0.0285
3	6.835	370.567	5458.569	0.0190
4	7.393	2452.726	43864.559	0.1530
5	7.832	2002.050	21556.201	0.0752
6	8.418	3061.656	40318.707	0.1406
7	8.843	2384.859	42757.723	0.1492
8	9.460	1165.694	12656.162	0.0442
9	14.728	497291.313	27835830.000	97.1035
10	24.490	627.007	20291.951	0.0708
11	25.703	230.135	11495.779	0.0401
12	27.887	1813.675	68870.445	0.2403
13	31.053	2039.022	130240.055	0.4543
14	36.833	2450.155	209970.250	0.7325
15	39.203	3550.691	199410.531	0.6956