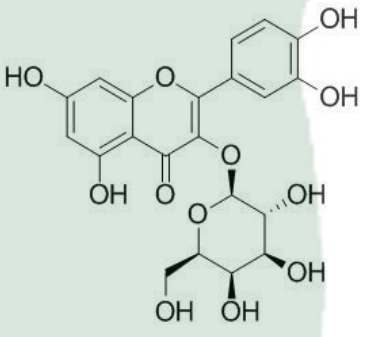


PRODUCT ID	E-0193	<p>Structure</p> 
PRODUCT	Hyperoside /金丝桃苷	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16110421	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-11-04	
DATE OF REPORT	2016-11-04	

CHEMICAL NAME

2-(3,4-dihydroxyphenyl)-5,7-dihydroxy-3-[(2S,3R,4S,5R,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxochromen-4-one

OTHER NAME

Hyperin, Quercetin 3-galactoside, Quercetin-3-O-galactoside

CHEMICAL FORMULA

C₂₁H₂₀O₁₂

MOLECULAR WEIGHT(MW)

464.3763

CAS NUMBER

482-36-0

CHEMICAL FAMILY

Flavonoids黄酮类

FROM

Hypericum perforatum L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK196—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK196—2007	NA	ND
Water	Q/TFFK196—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

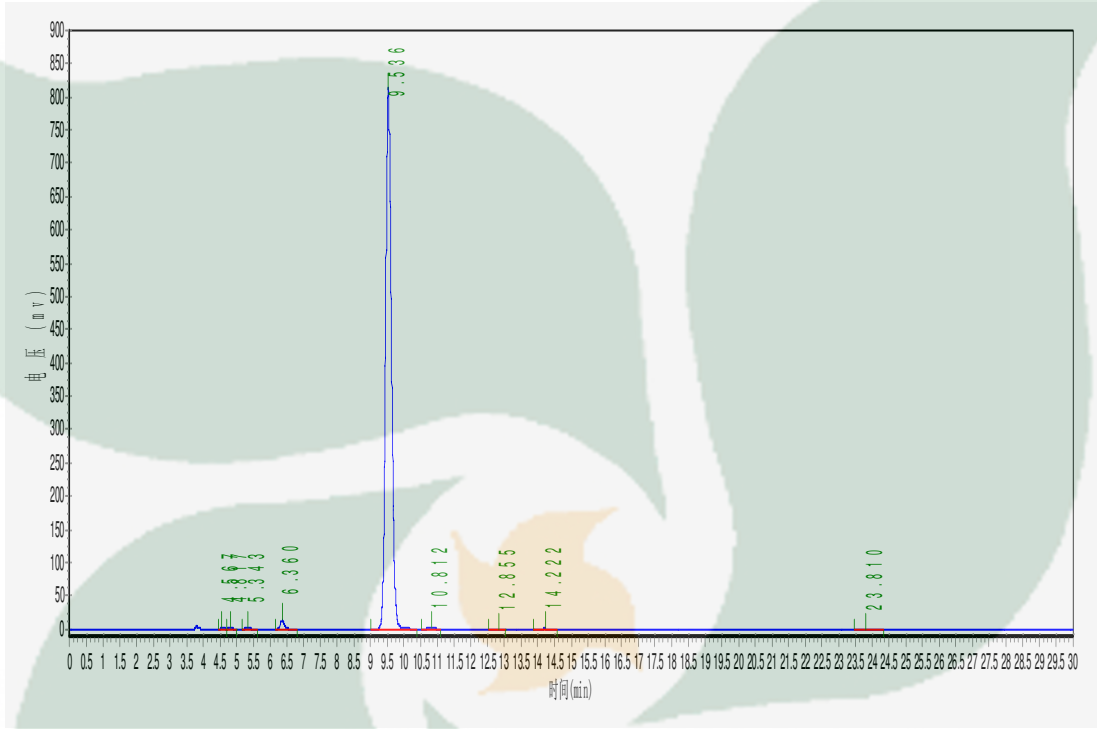
Analyst

Checker

Manager

Product Analysis Report

Product Name: Hyperoside **Chrom-Column:** C18
Lot Number: 16110421 **Mobile Phase:** ACN:0.1%H3PO4(22:78)
Detector: UV **Wavelength:** 360nm
Detect Time: 2016-11-04 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.567	1545.566	11912.545	0.1183
2	4.817	1867.075	14647.781	0.1454
3	5.343	2529.245	22194.238	0.2204
4	6.360	12775.384	110880.648	1.1010
5	9.536	813505.375	9862200.000	97.9247
6	10.812	1827.000	23397.400	0.2323
7	12.855	288.108	4612.485	0.0458
8	14.222	629.201	13317.092	0.1322
9	23.810	285.761	8047.812	0.0799