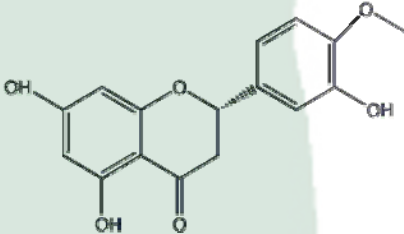


PRODUCT ID	E-0495	Structure 
PRODUCT	Hesperitin /橙皮素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18070541	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-05	
DATE OF REPORT	2018-07-05	

OTHER NAME Eriodictyol 4'-monomethyl ether; Hesperitin

CHEMICAL FORMULA C₁₆H₁₄O₆

MOLECULAR WEIGHT(MW) 302.29

CAS NUMBER 520-33-2

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK300—2007	NLT ≥98.0%	99.3%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK300—2007	NA	ND
Water	Q/TFFK300—2007	≤2%	Conforms
Appearance		pale yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Hesperitin

Chrom-Column: C18

Lot Number: 18070541

Mobile Phase: ACN:0.1%H3PO4(43:57)

Detector: UV

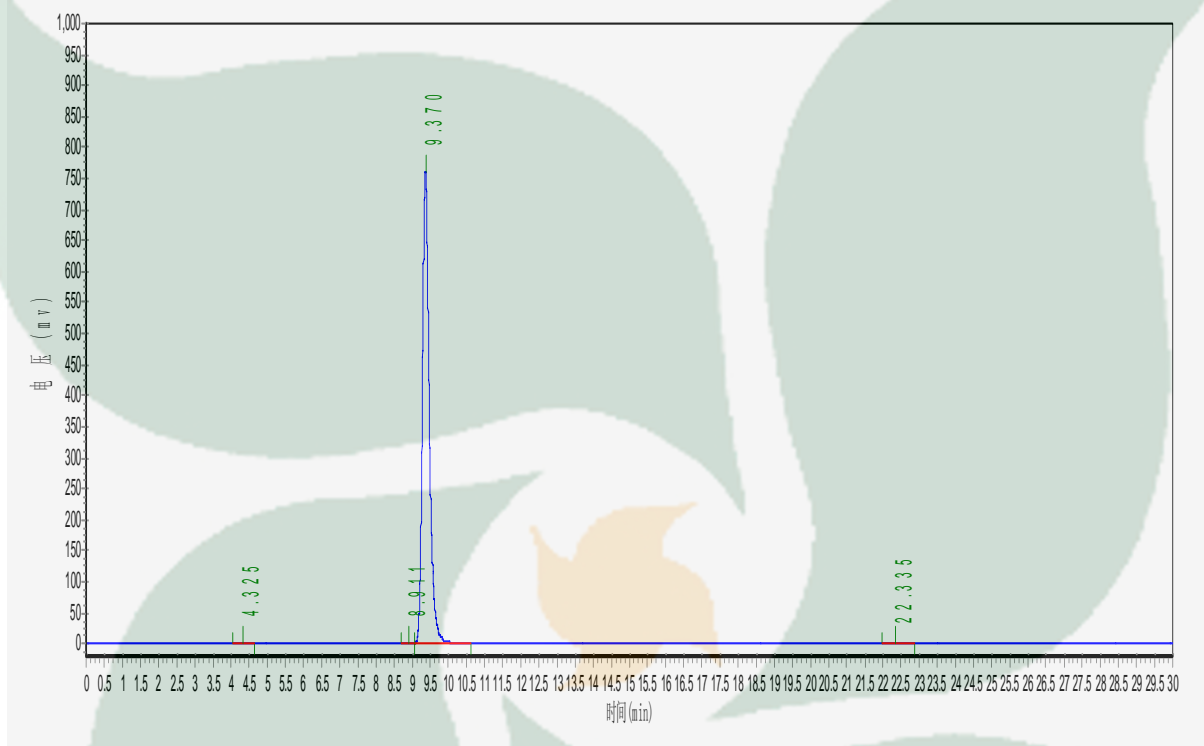
Wavelength: 284nm

Detect Time: 2018-07-05

Inject Vol: 20ul

Sample dissolution: 80%MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.325	1781.074	24164.695	0.2373
2	8.911	1572.451	17659.420	0.1734
3	9.370	759783.625	10115261.000	99.3194
4	22.335	932.047	27493.066	0.2699