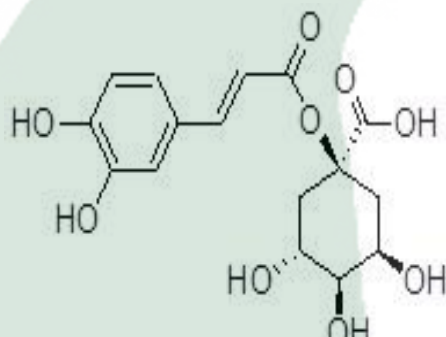


PRODUCT ID	E-1142	<p style="text-align: center;">Structure</p> 
PRODUCT	1-Caffeoylquinic acid/1-咖啡酰奎宁酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	14102421	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2014-10-24	
DATE OF REPORT	2014-10-24	

CHEMICAL NAME 1-O-caffeoylquinic acid

OTHER NAME

CHEMICAL FORMULA

C₁₆H₁₈O₉

MOLECULAR WEIGHT(MW)

354.31

CAS NUMBER

1241-87-8

CHEMICAL FAMILY

FROM

忍冬科植物忍冬的干燥茎枝

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK542—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK542—2007	NA	ND
Water	Q/TFFK542—2007	≤2%	Conforms
Appearance		Yellow powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

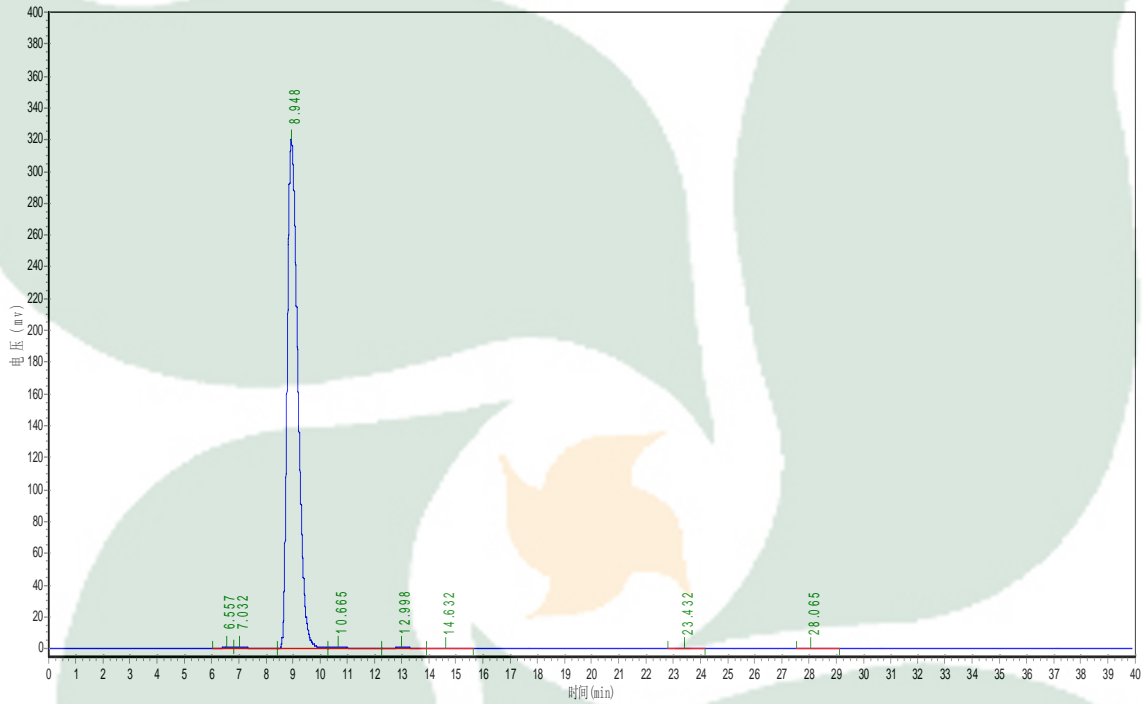
Analyst

Checker

Manager

Product Analysis Report

Product Name: 1-Caffeoylquinic acid **Chrom-Column:** C18
Lot Number: 14102421 **Mobile Phase:** ACN:0.1% H_3PO_4 =10:90
Detector: UV **Wavelength:** 327nm
Detect Time: 2014-10-24 **Inject Vol:** 20ul
Analyst: zhufangfang **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.557	753.070	16883.994	0.1918
2	7.032	900.475	35621.820	0.4046
3	8.948	319691.281	8641426.000	98.1607
4	10.665	1240.824	47775.449	0.5427
5	12.998	984.378	34035.633	0.3866
6	14.632	499.412	20735.301	0.2355
7	23.432	72.268	3177.800	0.0361
8	28.065	86.000	3690.800	0.0419