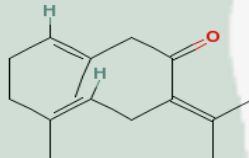


PRODUCT ID	E-0158	Structure 
PRODUCT	Germacrone /吉马酮	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	16030731	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-03-07	
DATE OF REPORT	2016-03-07	

CHEMICAL NAME (3E,7E)-3,7-dimethyl-10-propan-2-ylidenecyclodeca-3,7-dien-1-one

OTHER NAME

CHEMICAL FORMULA

C₁₅H₂₂O

MOLECULAR WEIGHT(MW)

218.33458

CAS NUMBER

6902-91-6

CHEMICAL FAMILY

Sesquiterpenoids倍半萜类

FROM

Rhododendron dauricum L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK160—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK160—2007	NA	ND
Water	Q/TFFK160—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

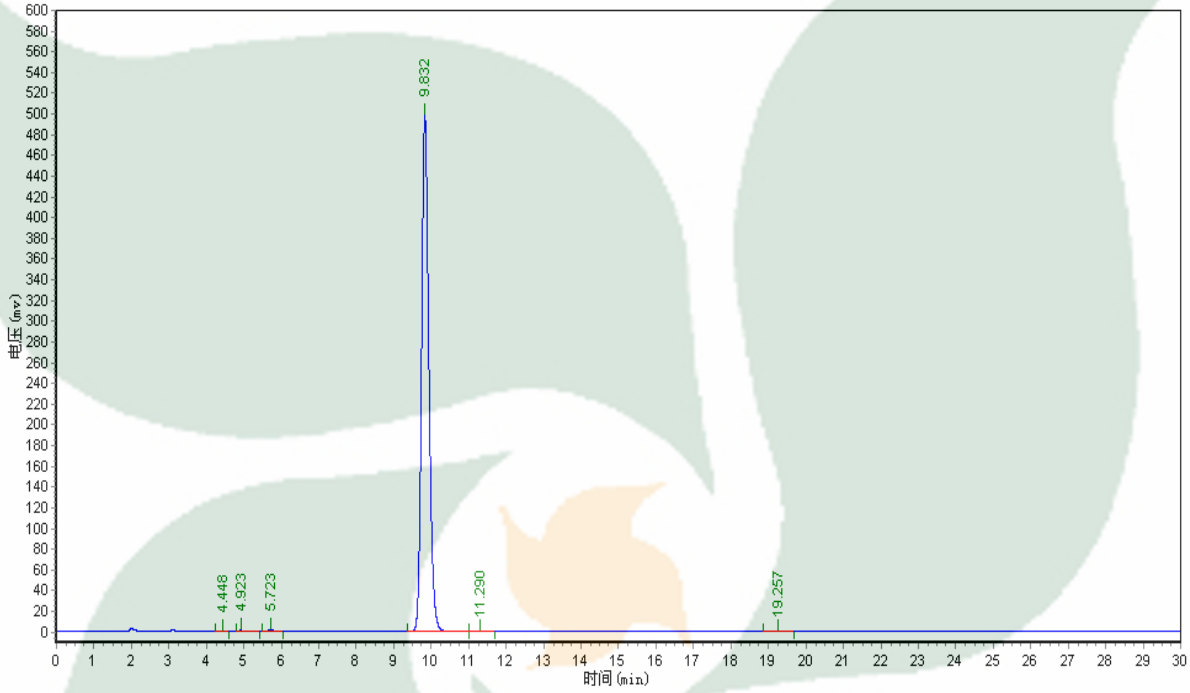
Analyst

Checker

Manager

Product Analysis Report

Product Name: Germacrone **Chrom-Column:** Arcus C18
Lot Number: 16030731 **Mobile Phase:** ACN:0.5%HAC=80:20
Temperature: 25°C **Wavelength:** 213nm
Detect Time: 2016-03-07 **Inject Vol:** 20ul
Analyst: xiayuexia **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.448	197.244	1670.650	0.0248
2	4.923	778.919	7328.100	0.1087
3	5.723	1331.597	15077.200	0.2236
4	9.832	497613.469	6716468.000	99.5945
5	11.290	110.802	1483.700	0.0220
6	19.257	78.520	1784.400	0.0265