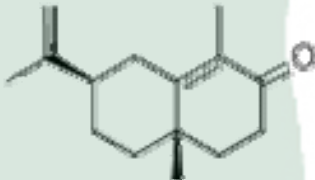


PRODUCT ID	E-0361	Structure 
PRODUCT	α -Cyperone / α -香附酮	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060522	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-05	
DATE OF REPORT	2018-06-05	

OTHER NAME (+)-Alpha Cyperone; 4,11-Selinadien-3-one; (-)-Alpha Cyperone

CHEMICAL FORMULA C₁₅H₂₂O

MOLECULAR WEIGHT(MW) 218.33458

CAS NUMBER 473-08-5

CHEMICAL FAMILY Sesquiterpenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT \geq 98.0%	98.3%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	\leq 2%	Conforms
Appearance		pale yellow liquid	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

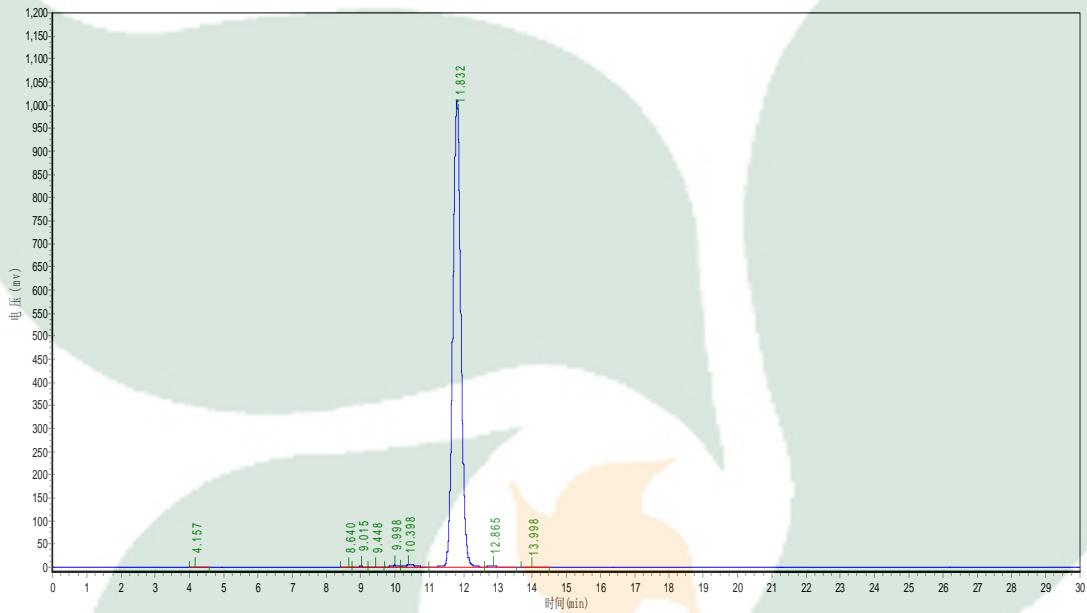
Analyst

Checker

Manager

Product Analysis Report

Product Name: α -Cyperone **Chrom-Column** C18
Lot Number: 18060522 **Mobile Phase:** MeOH:H2O=80: 20
Detector: UV **Wavelength:** 250nm
Detect Time: 2018-06-05 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.157	172.647	2764.100	0.0165
2	8.640	108.506	1521.172	0.0091
3	9.015	1484.105	19601.131	0.1170
4	9.448	1218.331	21241.070	0.1268
5	9.998	3982.810	62473.215	0.3729
6	10.398	4222.249	115772.414	0.6911
7	11.832	100204.063	16474511.000	98.3478
8	12.865	1980.457	47844.934	0.2856
9	13.998	203.201	5545.079	0.0331