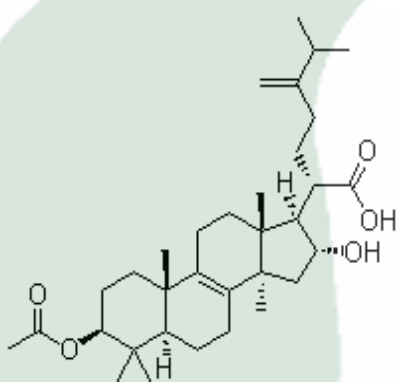


PRODUCT ID	E-0599	Structure 
PRODUCT	Dehydrocorydalin/脱氢紫堇碱	
STANDARD TYPE	Quantitative Reference Standard/含量测定	
LOT NUMBER	16040732	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-04-07	
DATE OF REPORT	2016-04-07	

CHEMICAL NAME

2,3,9,10-Tetramethoxy-13-methyl-5,6-dihydro-isoquino[3,2-a]isoquinolinylum

OTHER NAME

dehydrocorydaline;13-methylpalmatine

CHEMICAL FORMULA

C₂₂H₂₄NO₄

MOLECULAR WEIGHT(MW)

366.437

CAS NUMBER

30045-16-0

CHEMICAL FAMILY

Alkaloids 生物碱类

FROM

Rhizoma corydalis

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK746—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK746—2007	NA	ND
Water	Q/TFFK746—2007	≤2%	Conforms
Appearance		Yellow powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

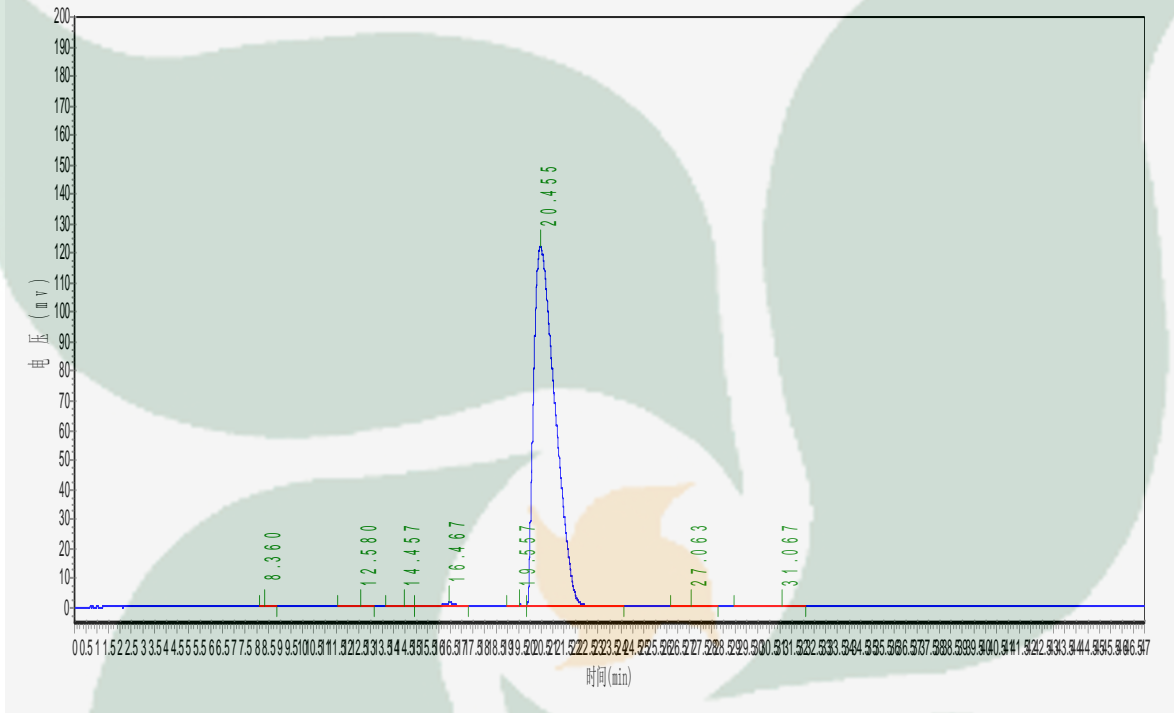
Analyst

Checker

Manager

Product Analysis Report

Product Name: Dehydrocorydalin **Chrom-Column:** C18
Lot Number: 16040732 **Mobile Phase:** ACN:H2O (0.004HAC/0.001TEA) (25:75)
Detector: UV **Wavelength:** 338nm
Detect Time: 2016-04-07 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.360	186.803	2907.949	0.0362
2	12.580	468.030	15457.401	0.1926
3	14.457	87.616	3789.154	0.0472
4	16.467	1276.950	45121.203	0.5622
5	19.557	470.019	11611.572	0.1447
6	20.455	121867.602	7927524.000	98.7739
7	27.063	245.115	10917.999	0.1360
8	31.067	131.013	8602.301	0.1072