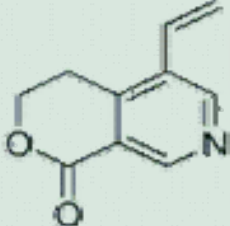


PRODUCT ID	E-0585	Structure 
PRODUCT	Gentianine/秦艽甲素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18020721	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-02-07	
DATE OF REPORT	2018-02-07	

OTHER NAME 龙胆碱geame, 龙胆宁碱

CHEMICAL FORMULA C₁₀H₉NO₂

MOLECULAR WEIGHT(MW) 175.18

CAS NUMBER 439-89-4

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK88—2007	NLT ≥98.0%	99.8%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK88—2007	NA	ND
Water	Q/TFFK88—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Gentianine

Chrom-Column: C18

Lot Number: 18020721

Mobile Phase: MeOH: H2O=35:65

Detector: UV

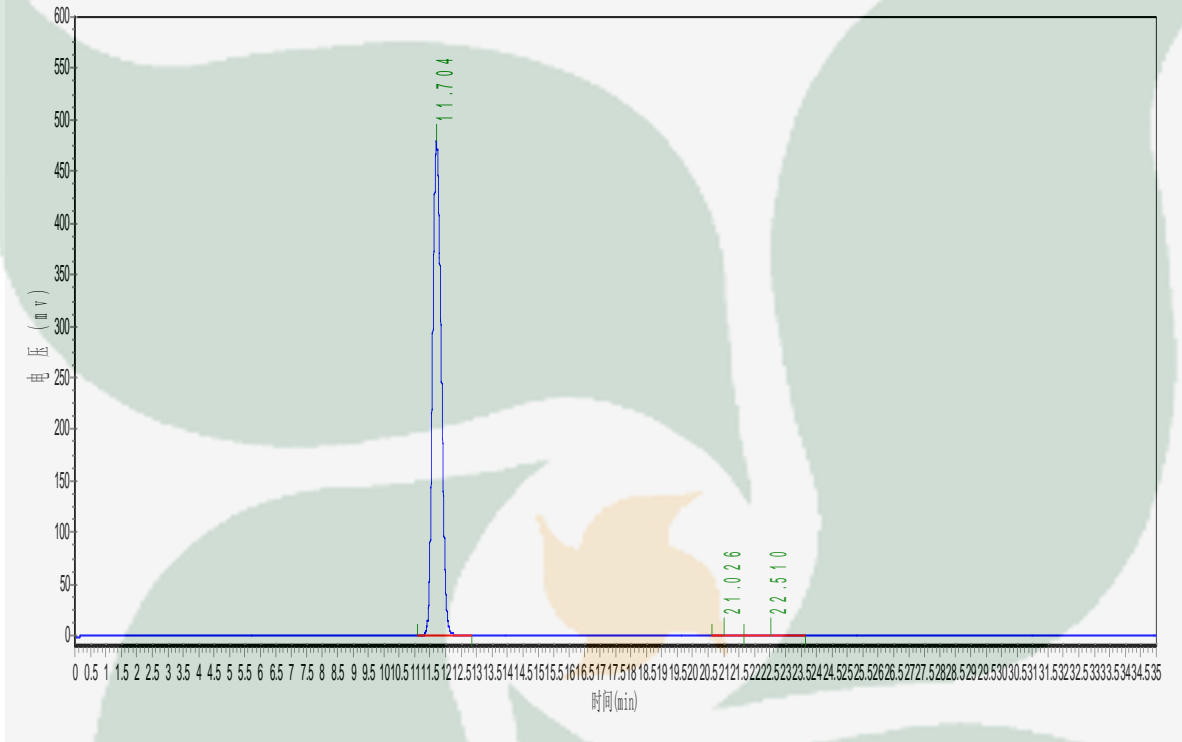
Wavelength: 255nm

Detect Time: 2018-02-07

Inject Vol: 20ul

Sample dissolution: 60%MeOH

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	11.704	478685.031	9240597.000	99.8065
2	21.026	189.077	6811.546	0.0736
3	22.510	194.231	11102.453	0.1199