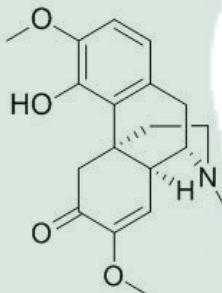


PRODUCT ID	E-0220	Structure 
PRODUCT	Sinomenine /青藤碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18062922	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-29	
DATE OF REPORT	2018-06-29	

OTHER NAME Cucoline; Kukoline

CHEMICAL FORMULA C₁₉H₂₃NO₄

MOLECULAR WEIGHT(MW) 329.39

CAS NUMBER 115-53-7

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK221—2007	NLT ≥98.0%	98.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK221—2007	NA	ND
Water	Q/TFFK221—2007	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

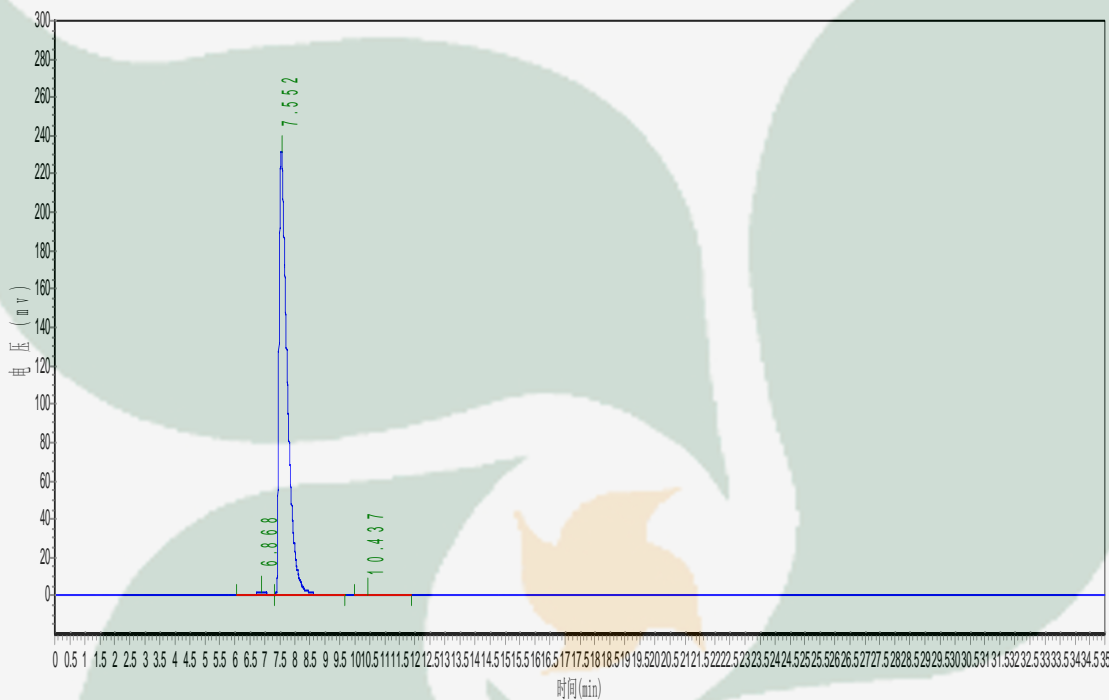
Analyst

Checker

Manager

Product Analysis Report

Product Name: Sinomenine **Chrom-Column:** C18
Lot Number: 18062922 **Mobile Phase:** ACN:0.1MNaH2PO4(15:85)
Temperature: 25°C **Wavelength:** 264nm
Detect Time: 2018-06-29 **Inject Vol:** 20ul
Sample dissolution: ACN:0.1MNaH2P
CA-1-1 **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.868	1226.921	45494.918	1.0060
2	7.552	231125.078	4454971.000	98.5051
3	10.437	403.681	22110.826	0.4889