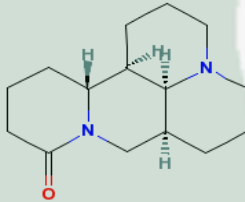


PRODUCT ID	E-0064	Structure 
PRODUCT	Matrine / 苦参碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18030835	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-03-08	
DATE OF REPORT	2018-03-08	

OTHER NAME	Sophoridine
CHEMICAL FORMULA	C ₁₅ H ₂₄ N ₂ O
MOLECULAR WEIGHT(MW)	248.36386
CAS NUMBER	519-02-8
CHEMICAL FAMILY	Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK57—2006	NLT ≥98.0%	98.0%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK57—2006	NA	ND
Water	Q/TFFK57—2006	≤2%	Conforms
Appearance		White Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

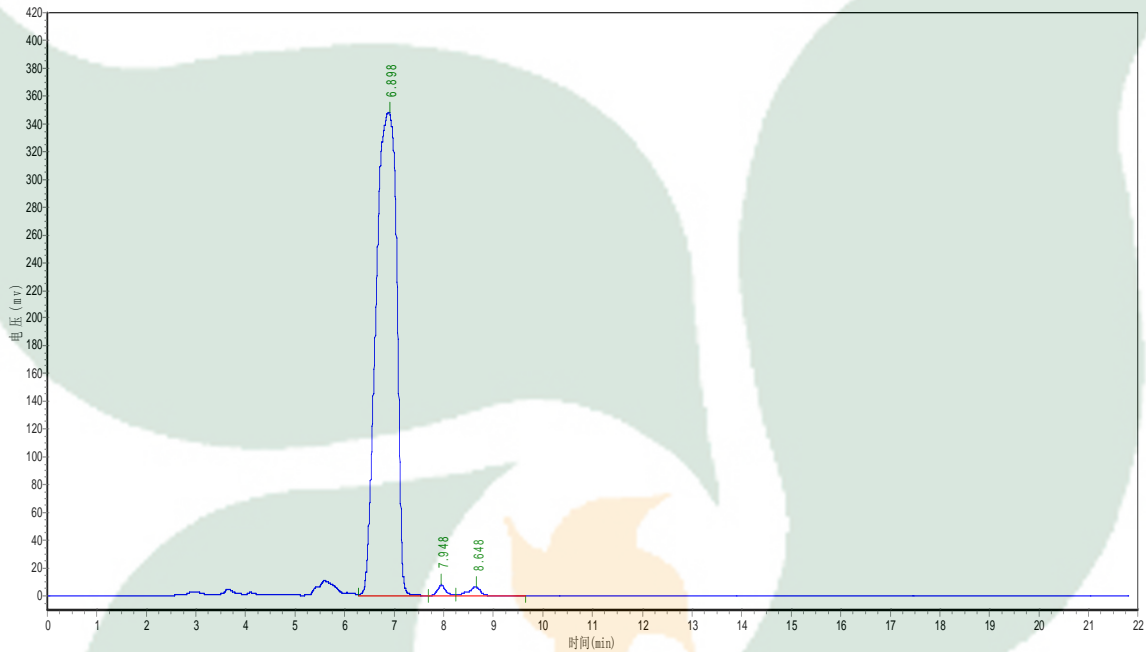
Analyst

Checker

Manager

Product Analysis Report

Product Name: Marine Chrom-Column: NH₂
Lot Number: 18030835 Mobile Phase: ACN:IPA:3%H₃PO₄=80:5:15
Temperature: 25°C Wavelength: 210nm
Detect Time: 2018-03-08 Inject Vol: 20ul
Analyst: zhufangfang Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.898	347637.844	9985808.000	98.0432
2	7.948	7620.948	89126.828	0.8751
3	8.648	6535.675	110176.609	1.0817