



同田生物
TAUTO BIOTECH

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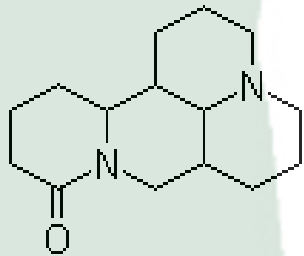
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PRODUCT ID	E-0558	Structure 
PRODUCT	Sophoridine/槐定碱	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17062141	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-06-21	
DATE OF REPORT	2017-06-21	

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₁₅H₂₄N₂O

MOLECULAR WEIGHT(MW)

248.36

CAS NUMBER

83148-91-8

CHEMICAL FAMILY

FROM

豆科苦豆草 *Sophora alopecuroides* L.地上部

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK390—2007	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK390—2007	NA	ND
Water	Q/TFFK390—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

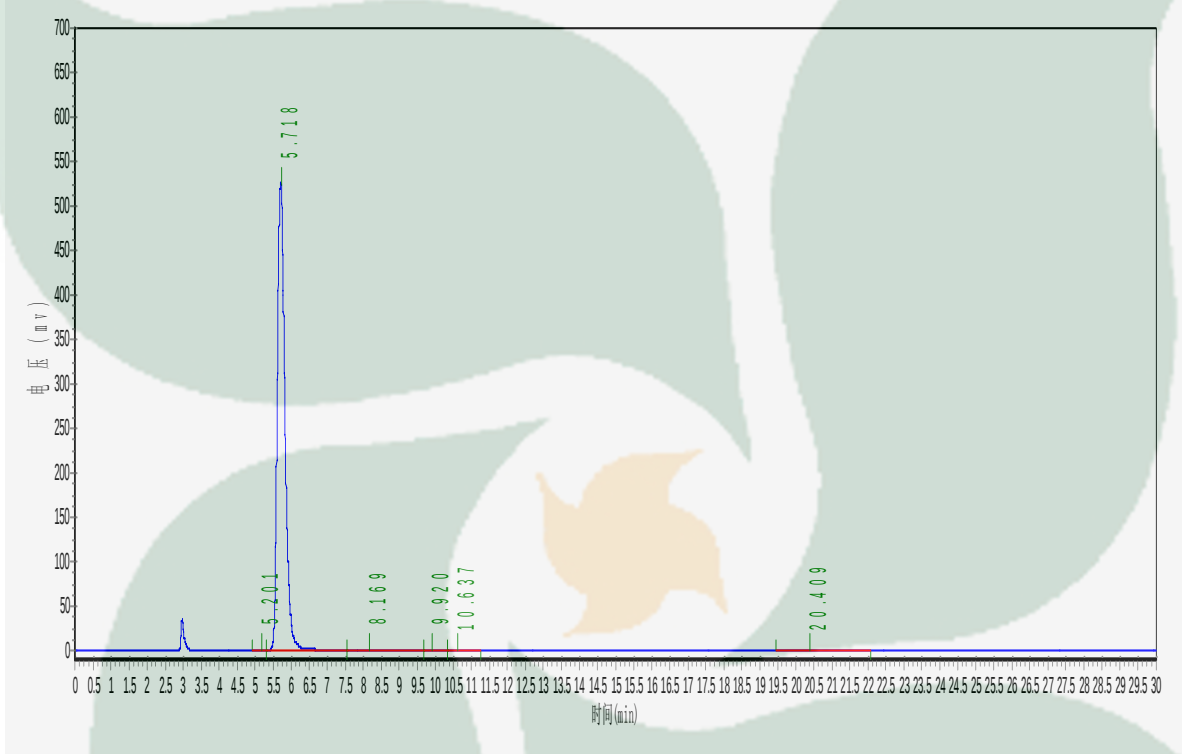
Analyst

Checker

Manager

Product Analysis Report

Product Name:	Sophoridine	Chrom-Column:	C18
Lot Number:	17162141	Mobile Phase:	MEOH:0.7%KH ₂ PO ₄ +01%TEA=20:80
Detector:	UV	Wavelength:	210nm
Detect Time:	2017-06-21	Inject Vol:	20ul
Analyst:	shuzhilin	Flow:	1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.201	28.322	3701.259	0.0471
2	5.718	526145.875	7756029.500	98.7607
3	8.169	945.407	55576.613	0.7077
4	9.920	188.615	5737.153	0.0731
5	10.637	194.446	6196.492	0.0789
6	20.409	250.785	26116.699	0.3326