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86-21-51320588-8008/8035/8026/8025

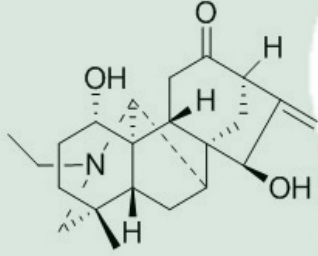
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PRODUCT ID	E-1035	Structure 
PRODUCT	Songorine/宋果灵	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18010821	
ASSAY METHOD	HPLC,NMR	
DATE OF SAMPLE	2018-01-08	
DATE OF REPORT	2018-01-08	

OTHER NAME Bullatine G;准噶尔乌头碱

CHEMICAL FORMULA C₂₂H₃₁NO₃

MOLECULAR WEIGHT(MW) 357.49

CAS NUMBER 509-24-0

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK401—2007	NLT ≥98.0%	99.2%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK401—2007	NA	ND
Water	Q/TFFK401—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label
SHELF LIFE 2 Years

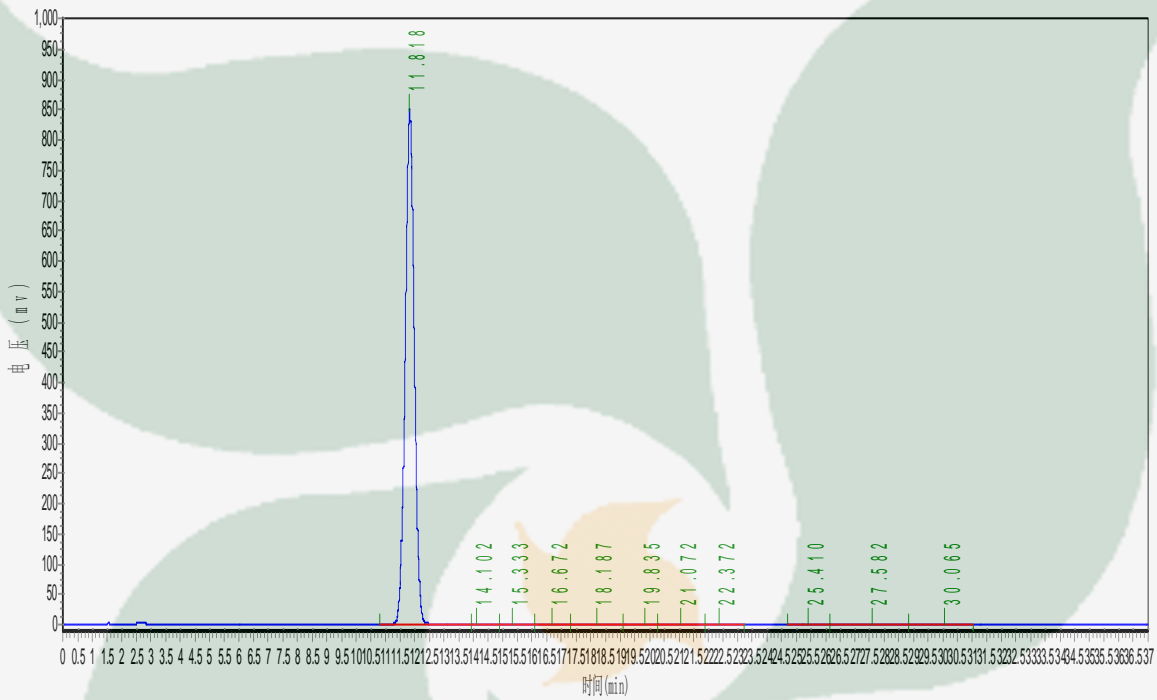
Analyst

Checker

Manager

Product Analysis Report

Product Name: Songorine **Chrom-Column:** C18
Lot Number: 18010821 **Mobile Phase:** MeOH:0.1%TEA =71:29
Temperature: 25°C **Wavelength:** 235nm
Detect Time: 2018-01-08 **Inject Vol:** 20ul
Sample: ACN **Flow:** 1.0ml/min
dissolution:



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	11.818	849446.000	18271442.000	99.2257
2	14.102	425.713	14387.126	0.0781
3	15.333	186.206	8202.419	0.0445
4	16.672	126.258	5792.826	0.0315
5	18.187	333.544	15657.814	0.0850
6	19.835	179.363	6770.029	0.0368
7	21.072	1783.738	59992.207	0.3258
8	22.372	163.723	7930.875	0.0431
9	25.410	172.551	7287.740	0.0396
10	27.582	166.608	11319.892	0.0615
11	30.065	122.696	5245.101	0.0285