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PRODUCT ID	E-0617	Structure
PRODUCT	Isoliensinine/异莲心碱	
STANDARD TYPE	Qualitative Reference Material/ 含量测定	
LOT NUMBER	18052224	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-22	
DATE OF REPORT	2018-05-22	

OTHER NAME	NA
CHEMICAL FORMULA	C ₃₇ H ₄₂ N ₂ O ₆
MOLECULAR WEIGHT(MW)	610.739
CAS NUMBER	6817-41-0
CHEMICAL FAMILY	Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK675—2010	NLT ≥96.0%	96.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK675—2010	NA	ND
Water	Q/TFFK675—2010	≤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: Isoliensinine

Chrom-Column C18

Lot Number: 18052224

Mobile Phase: ACN:0.05%TEA=45:55

Detector: UV

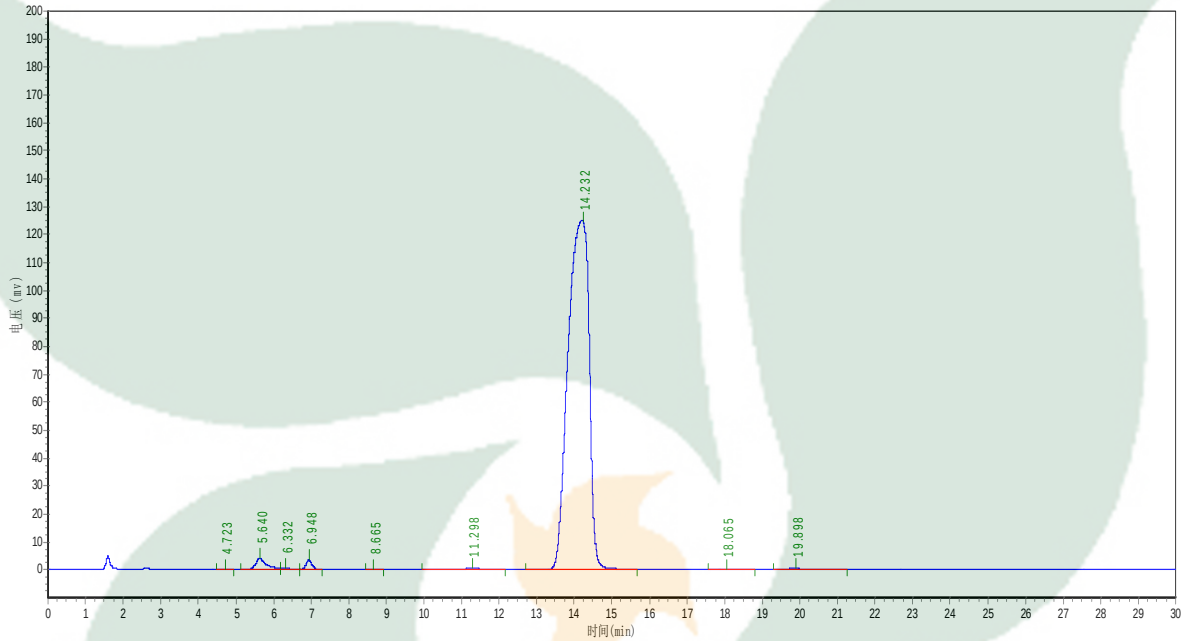
Wavelength: 282nm

Detect Time: 2018-05-22

Inject Vol: 20ul

Sample dissolution: MeOH:0.05%TEA=1:1

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.723	274.982	3403.900	0.0674
2	5.640	4101.139	82953.648	1.6433
3	6.332	591.131	8291.973	0.1643
4	6.948	3642.703	37465.027	0.7422
5	8.665	120.765	1649.641	0.0327
6	11.298	457.774	17035.600	0.3375
7	14.232	124866.844	4880231.500	96.6768
8	18.065	135.838	3849.800	0.0763
9	19.898	466.661	13103.800	0.2596