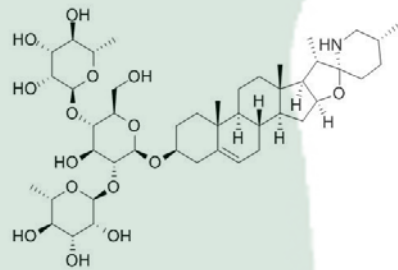


PRODUCT ID	E-1006	Structure 
PRODUCT	Solamargine/澳洲茄边碱	
STANDARD TYPE	Qualitative Reference Material/ 含量测定	
LOT NUMBER	17081125	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-08-11	
DATE OF REPORT	2017-08-11	

OTHER NAME
CHEMICAL FORMULA

 C₄₅H₇₃N₁₅O₁₅
MOLECULAR WEIGHT(MW)

867.5

CAS NUMBER

20311-51-7

CHEMICAL FAMILY

Alkaloids生物碱类

FROM

茄科植物龙葵Solanum nigrum L. 果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK729-2010	NLT ≥96.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK729—2010	NA	ND
Water	Q/TFFK729—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: Solamargine

Chrom-Colur Arcus C18

Lot Number: 17081125

Mobile Phase ACN:0.1%H3PO4 (27:73)

Detector: UV

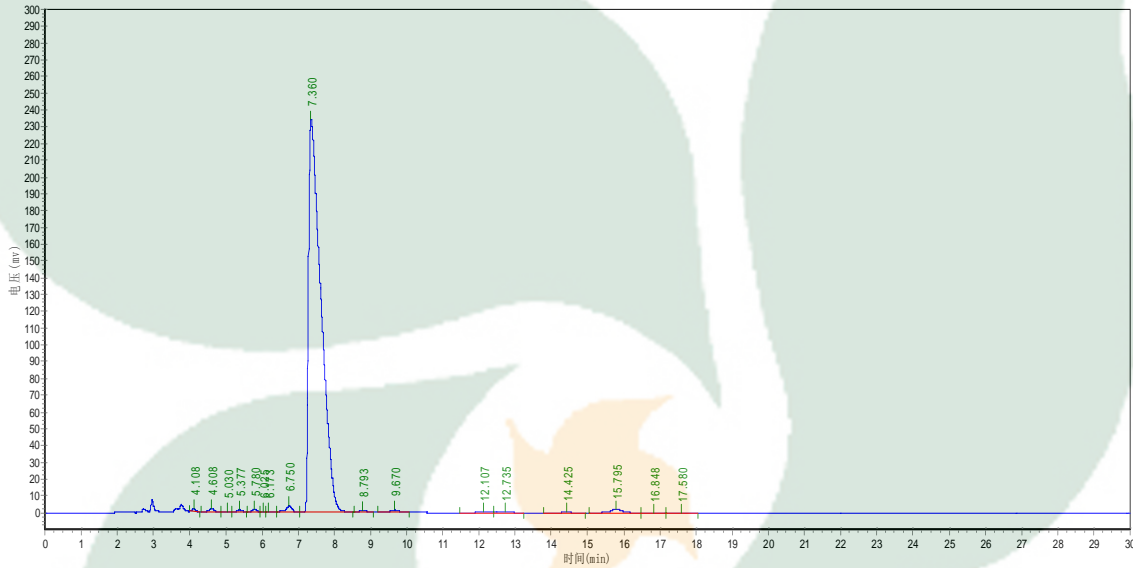
Wavelength: 203nm

Detect Time: 2017-08-11

Inject Vol: 20ul

Analyst: zhanghong

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.108	1721.265	11942.350	0.2073
2	4.608	1975.182	18059.549	0.3135
3	5.030	314.813	2183.000	0.0379
4	5.377	1326.506	12847.140	0.2230
5	5.780	1514.898	14103.167	0.2448
6	6.025	426.880	3524.553	0.0612
7	6.173	370.261	4074.387	0.0707
8	6.750	3769.479	44244.660	0.7679
9	7.360	233784.875	5566664.000	96.6192
10	8.793	843.002	12949.953	0.2248
11	9.670	1193.356	18004.049	0.3125
12	12.107	241.787	4852.332	0.0842
13	12.735	238.972	4724.963	0.0820
14	14.425	92.130	2841.157	0.0493
15	15.795	1707.970	38431.398	0.6670
16	16.848	19.665	355.747	0.0062
17	17.580	71.994	1644.506	0.0285