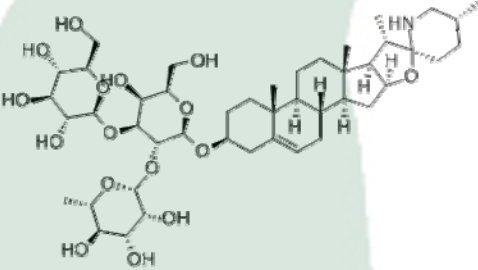


<b>PRODUCT ID</b>	E-0856	<p><b>Structure</b></p> 
<b>PRODUCT</b>	Solasonine/澳洲茄碱	
<b>STANDARD TYPE</b>	Qualitative Reference Material/含量测定	
<b>LOT NUMBER</b>	17081122	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-08-11	
<b>DATE OF REPORT</b>	2017-08-11	

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>45</sub>H<sub>73</sub>N<sub>16</sub>O<sub>16</sub>

**MOLECULAR WEIGHT(MW)**

884.06

**CAS NUMBER**

19121-58-5

**CHEMICAL FAMILY**

Alkaloids生物碱

**FROM**

茄科植物龙葵Solanum nigrum L. 果实

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK730-2010	NLT ≥97.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK730—2010	NA	ND
<b>Water</b>	Q/TFFK730—2010	≤2%	Conforms
<b>Appearance</b>		White Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Solasonine

**Chrom-Column** Arcus C18

**Lot Number:** 17081122

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

**Detector:** UV

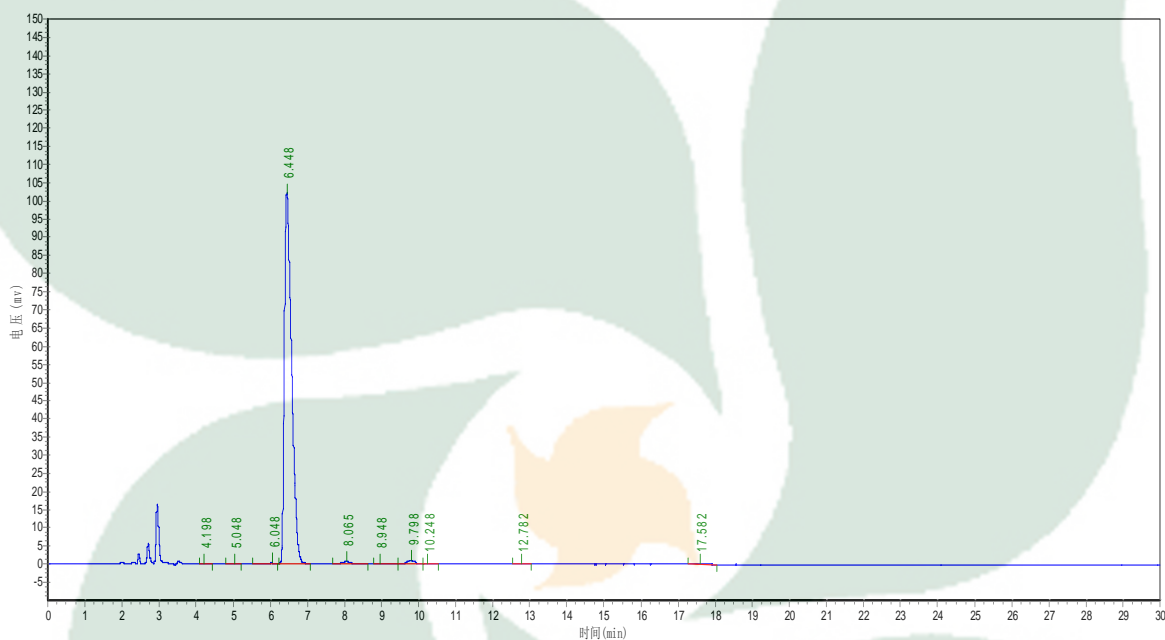
**Wavelength:** 205nm

**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	4.198	144.050	993.300	0.0706
2	5.048	97.647	850.300	0.0604
3	6.048	210.787	3434.055	0.2440
4	6.448	101898.125	1369846.375	97.3319
5	8.065	645.123	11130.200	0.7908
6	8.948	46.026	1022.600	0.0727
7	9.798	1075.631	15412.677	1.0951
8	10.248	101.585	1318.623	0.0937
9	12.782	108.129	1539.700	0.1094
10	17.582	81.085	1850.000	0.1314