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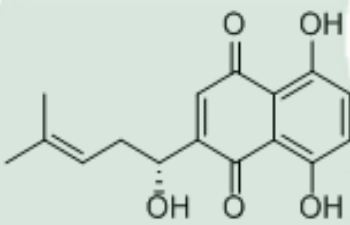
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<b>PRODUCT ID</b>	E-0313	<b>Structure</b> 
<b>PRODUCT</b>	(-)-Shikonin/左旋紫草素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	16092921	
<b>ASSAY METHOD</b>	HPLC,NMR	
<b>DATE OF SAMPLE</b>	2016-09-29	
<b>DATE OF REPORT</b>	2016-09-29	

**CHEMICAL NAME**

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>16</sub>H<sub>16</sub>O<sub>5</sub>

**MOLECULAR WEIGHT(MV)**

288.3

**CAS NUMBER**

517-89-5

**CHEMICAL FAMILY**

Quinones醌类

**FROM**

紫草科植物紫草Lithosperma erythrorhizon Sieb. et Zucc. 的根

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK319—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK319—2007	NA	ND
Water	Q/TFFK319—2007	≤2%	Conforms
Appearance		Brown Powder	Conforms

**STORAGE CONDITIONS**

STORAGE

Refer to the label

SHELF LIFE

2 Years

**Analyst**

**Checker**

**Manager**

# Product Analysis Report

**Product Name:** (-)-Shikonin

**Chrom-Column:** C18

**Lot Number:** 16092921

**Mobile Phase:** MeOH:0.1% H<sub>3</sub>PO<sub>4</sub>  
(85:15)

**Detector:** UV

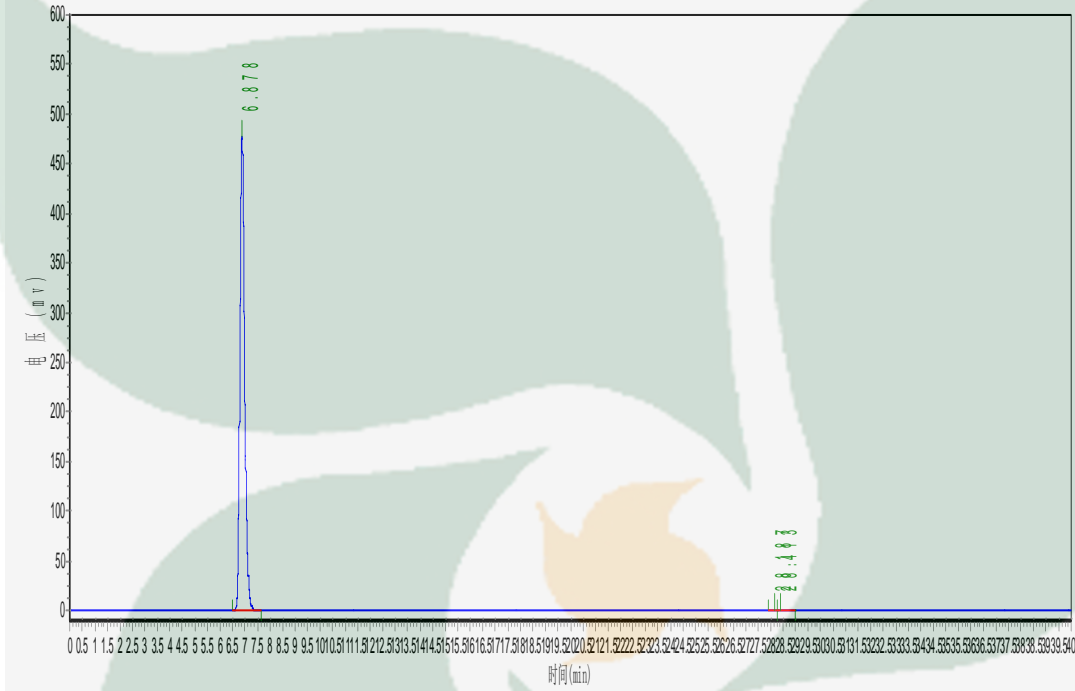
**Wavelength:** 515nm

**Detect Time:** 2016-09-29

**Inject Vol:** 20ul

**Analyst:** shuzhilin

**Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.878	477691.969	6373305.000	99.7733
2	28.187	264.955	3693.584	0.0578
3	28.413	374.471	10790.135	0.1689