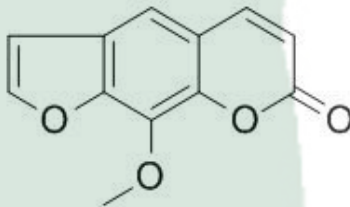


<b>PRODUCT ID</b>	E-0281	<b>Structure</b> 
<b>PRODUCT</b>	8-Methoxypsoralen/8-甲氧基补骨脂素	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	18051441	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-05-14	
<b>DATE OF REPORT</b>	2018-05-14	

**OTHER NAME** Methoxsalen, Oxypsoralen, Xanthotoxin; 花椒毒素

**CHEMICAL FORMULA** C<sub>12</sub>H<sub>8</sub>O<sub>4</sub>

**MOLECULAR WEIGHT(MW)** 216.18952

**CAS NUMBER** 298-81-7

**CHEMICAL FAMILY** Coumarins

### ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK675—2010	NLT ≥98.0%	99.8%
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

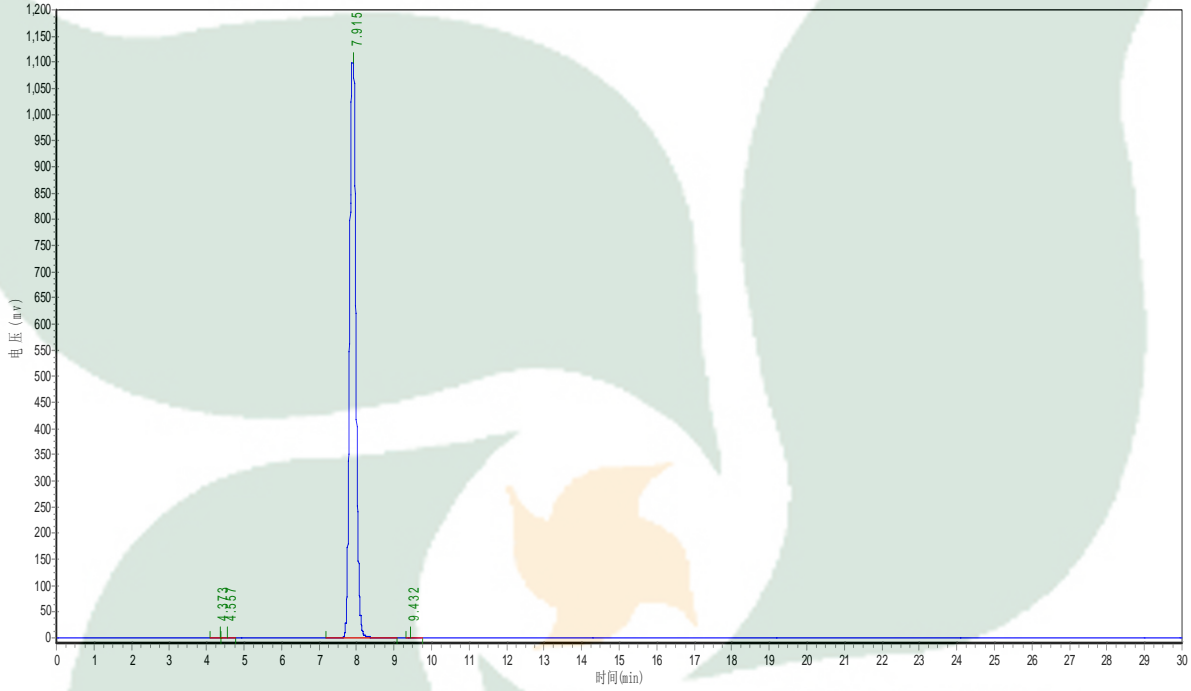
**Product Name:** 8-Methoxypsoralen **Chrom-Column** C18

**Lot Number:** 18051441 **Mobile Phase:** ACN:0.1%H3PO4=50:50

**Detector:** UV **Wavelength:** 247nm

**Detect Time:** 2018-05-14 **Inject Vol:** 20ul

**Sample dissolution:** MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.373	577.639	4603.743	0.0356
2	4.557	858.554	10040.206	0.0777
3	7.915	1097704.625	12907831.000	99.8788
4	9.432	93.269	1018.800	0.0079