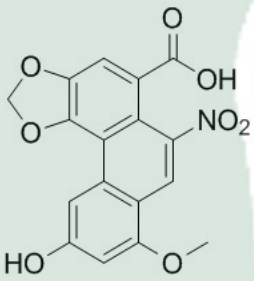


<b>PRODUCT ID</b>	E-3253	<p><b>Structure</b></p> 
<b>PRODUCT</b>	Aristolochic acid D/马兜铃酸D	
<b>STANDARD TYPE</b>	Quantitative Reference Material (含量测定)	
<b>LOT NUMBER</b>	17111022	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2017-11-10	
<b>DATE OF REPORT</b>	2017-11-10	

**OTHER NAME**

**CHEMICAL FORMULA**

C<sub>17</sub>H<sub>11</sub>NO<sub>8</sub>

**MOLECULAR WEIGHT(MW)**

357.3

**CAS NUMBER**

17413-38-6

**CHEMICAL FAMILY**

Alkaloids

**FROM**

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
<b>HPLC</b>	Q/TFFK170—2007	NLT ≥98.0%	Conforms
<b>NMR</b>		Conforms	Conforms
<b>MS</b>		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK170—2007	NA	ND
<b>Water</b>	Q/TFFK170—2007	≤2%	Conforms
<b>Appearance</b>		Pale red powder	Conforms

**STORAGE CONDITIONS**

**STORAGE**

Refer to the label

**SHELF LIFE**

2 Years

Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Aristolochic acid D

**Chrom-Colur** Arcus C18

**Lot Number:** 17111022

**Mobile Phase** ACN:0.1%H<sub>3</sub>PO<sub>4</sub>(30%-90%)

**Detector:** UV

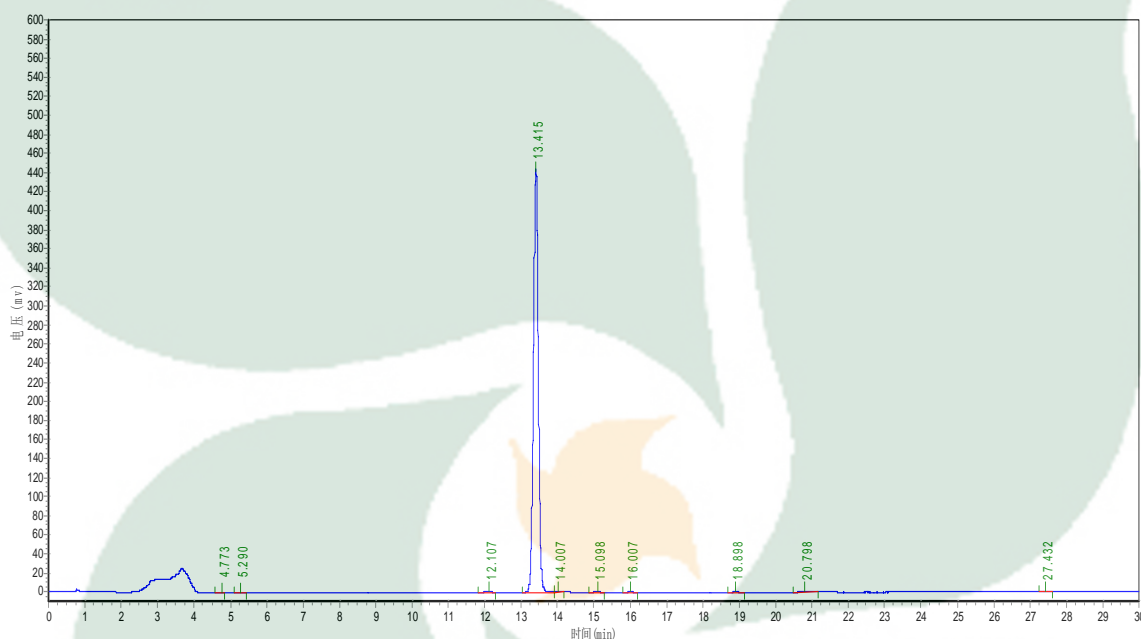
**Wavelength:** 254nm

**Detect Time:** 2017-11-10

**Inject Vol:** 20ul

**Analyst:** zhanghong

**Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	4.773	48.031	504.500	0.0122
2	5.290	74.524	774.900	0.0187
3	12.107	473.965	4737.550	0.1146
4	13.415	443119.063	411185.500	99.4076
5	14.007	160.496	1517.653	0.0367
6	15.098	188.720	1814.400	0.0439
7	16.007	139.082	1320.100	0.0319
8	18.898	185.055	1736.800	0.0420
9	20.798	1038.475	11160.600	0.2699
10	27.432	98.311	931.800	0.0225