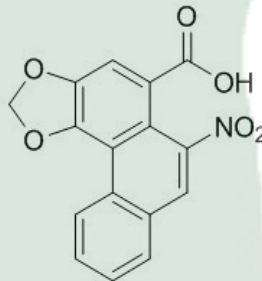


PRODUCT ID	E-0412	<p>Structure</p> 
PRODUCT	Aristolochic acid B/马兜铃酸B	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18070521	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-05	
DATE OF REPORT	2018-07-05	

OTHER NAME	Aristolochic acid II
CHEMICAL FORMULA	C ₁₆ H ₉ NO ₆
MOLECULAR WEIGHT(MW)	311.24576
CAS NUMBER	475-80-9
CHEMICAL FAMILY	Phenanthrenes

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK104—2007	NLT ≥98.0%	99.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK104—2007	NA	ND
Water	Q/TFFK104—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

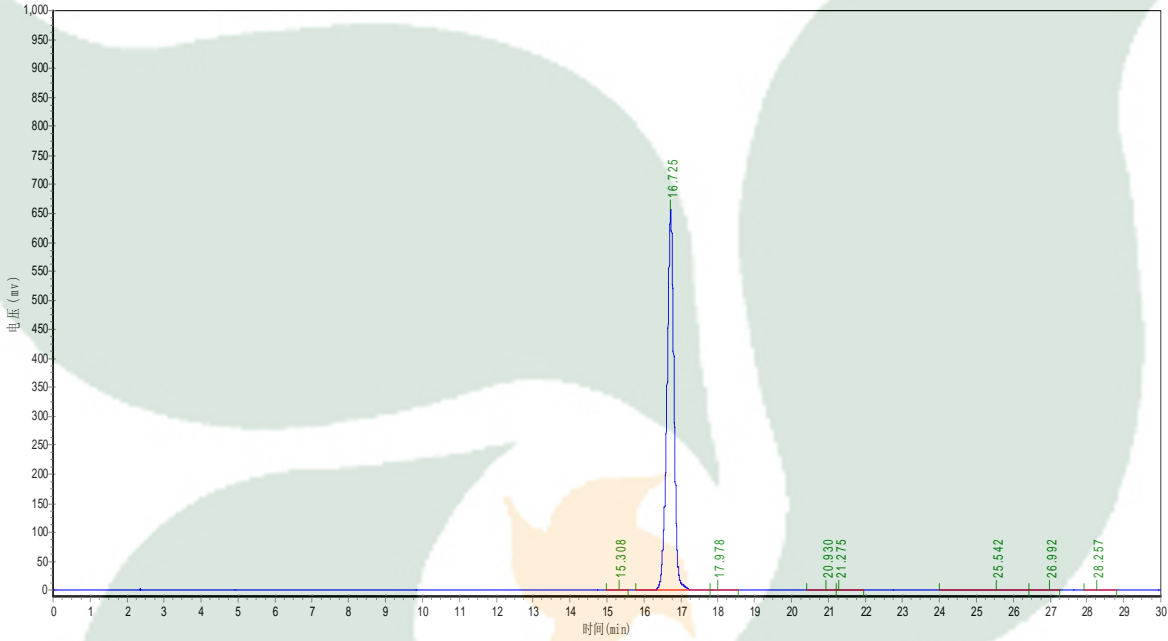
Analyst

Checker

Manager

Product Analysis Report

Product Name: Aristolochic acid B **Chrom-Column:** C18
Lot Number: 18070521 **Mobile Phase:** ACN:0.1%H3PO4(30%-90%)
Detector: UV **Wavelength:** 254nm
Detect Time: 2018-07-05 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	15.308	165.989	2489.800	0.0285
2	16.725	657144.500	8711640.000	99.5542
3	17.978	378.476	5743.846	0.0656
4	20.930	102.886	2802.010	0.0320
5	21.275	87.125	2246.523	0.0257
6	25.542	296.706	19582.100	0.2238
7	26.992	317.810	3895.887	0.0445
8	28.257	97.975	2254.524	0.0258