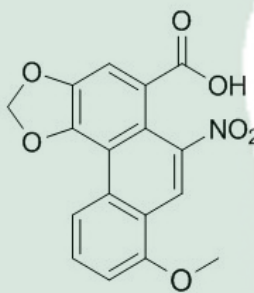


PRODUCT ID	E-0162	Structure 
PRODUCT	Aristolochic Acid A /马兜铃酸A	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-01	
DATE OF REPORT	2018-06-01	

OTHER NAME Aristolochic acid I

CHEMICAL FORMULA C₁₇H₁₁NO₇

MOLECULAR WEIGHT(MW) 341.27174

CAS NUMBER 313-67-7

CHEMICAL FAMILY Phenanthrenes

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT ≥98.0%	98.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	≤2%	Conforms
Appearance		yellow powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

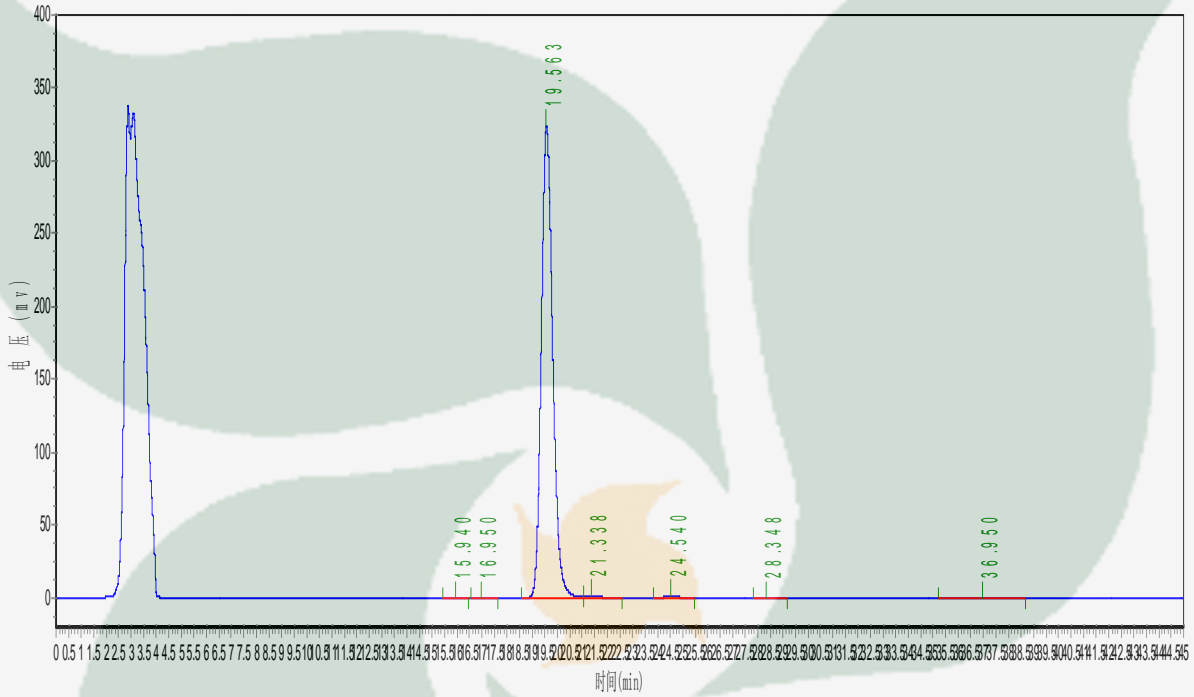
Analyst

Checker

Manager

Product Analysis Report

Product Name: Aristolochic Acid A **Chrom-Column:** C18
Lot Number: 18060121 **Mobile Phase:** ACN:0.1%H3PO4 (47:53)
Detector: UV **Wavelength:** 250nm
Detect Time: 2018-06-01 **Inject Vol:** 20ul
Sample dissolution: DMF **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	15.940	296.725	6727.800	0.0649
2	16.950	165.740	4091.600	0.0395
3	19.563	324424.875	10262106.000	98.9749
4	21.338	1070.533	41365.531	0.3990
5	24.540	958.548	36426.152	0.3513
6	28.348	247.247	9595.150	0.0925
7	36.950	106.582	8076.550	0.0779