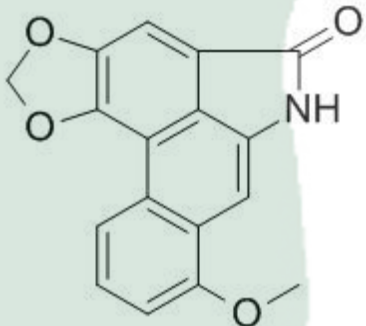


PRODUCT ID	E-0456	Structure 
PRODUCT	Aristolactam/马兜铃内酰胺	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18060123	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-01	
DATE OF REPORT	2018-06-01	

OTHER NAME	Aristolactam
CHEMICAL FORMULA	C ₁₇ H ₁₁ NO ₄
MOLECULAR WEIGHT(MW)	293.27354
CAS NUMBER	13395-02-3
CHEMICAL FAMILY	Alkaloids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK71—2006	NLT ≥98.0%	98.8%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK71—2006	NA	ND
Water	Q/TFFK71—2006	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

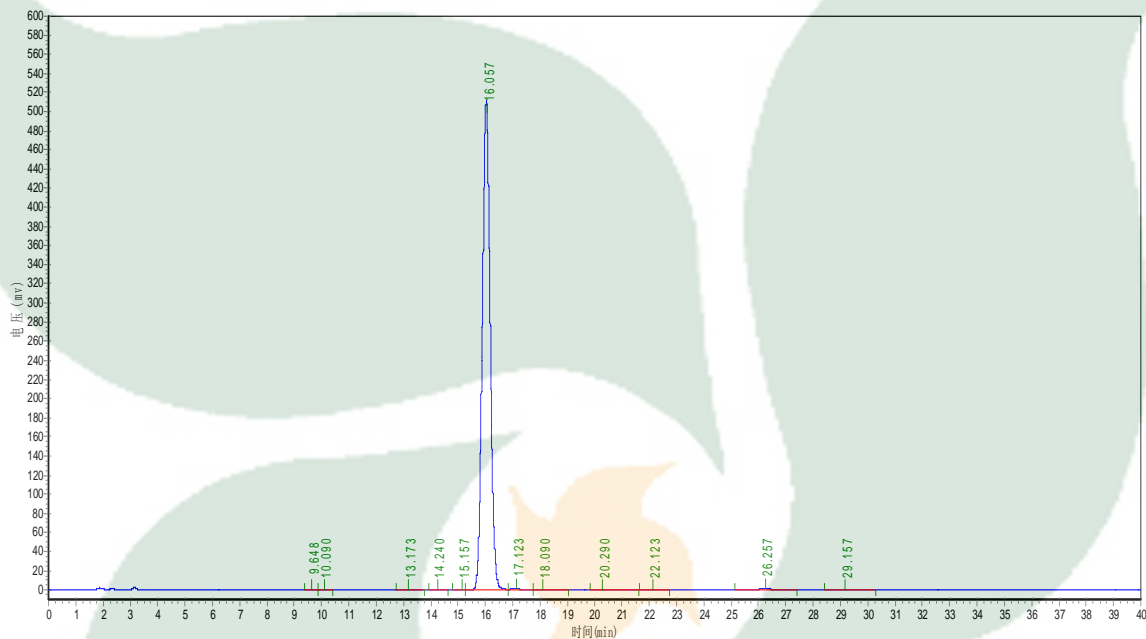
Analyst

Checker

Manager

Product Analysis Report

Product Name: Aristololactam **Chrom-Column:** C18
Lot Number: 18060123 **Mobile Phase:** ACN:0.1%H3PO4=47:53
Temperature: 25°C **Wavelength:** 250nm
Detect Time: 2018-06-01 **Inject Vol:** 20ul
Sample dissolution: ACN:0.1%H3PO4=50:50 **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	9.648	95.746	1304.001	0.0125
2	10.090	126.311	1730.199	0.0166
3	13.173	277.387	5080.500	0.0488
4	14.240	81.636	1730.700	0.0166
5	15.157	124.212	2338.847	0.0225
6	16.057	507399.469	10288514.000	98.8665
7	17.123	1446.926	38137.707	0.3665
8	18.090	211.463	6805.453	0.0654
9	20.290	200.981	6082.000	0.0584
10	22.123	41.448	1485.014	0.0143
11	26.257	1401.677	48193.801	0.4631
12	29.157	114.123	5073.075	0.0487