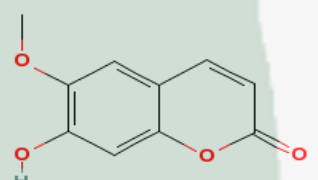


PRODUCT ID	E-0317	Structure 
PRODUCT	Scopoletin /东莨菪素	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	15072536	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-07-25	
DATE OF REPORT	2015-07-25	

CHEMICAL NAME	7-hydroxy-6-methoxychromen-2-one
OTHER NAME	Gelseminic acid, Chrysatropic acid, 6-Methylesculetin
CHEMICAL FORMULA	C ₁₀ H ₈ O ₄
MOLECULAR WEIGHT(M)	192.168
CAS NUMBER	92-61-5
CHEMICAL FAMILY	Coumarins 香豆素类
FROM	双子叶植物药伞形科植物白芷 <i>A. dahurica</i> (Fisch.) Benth. et Hook的干燥根

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK340—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK340—2007	NA	ND
Water	Q/TFFK340—2007	≤2%	Conforms
Appearance		White Crystal	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

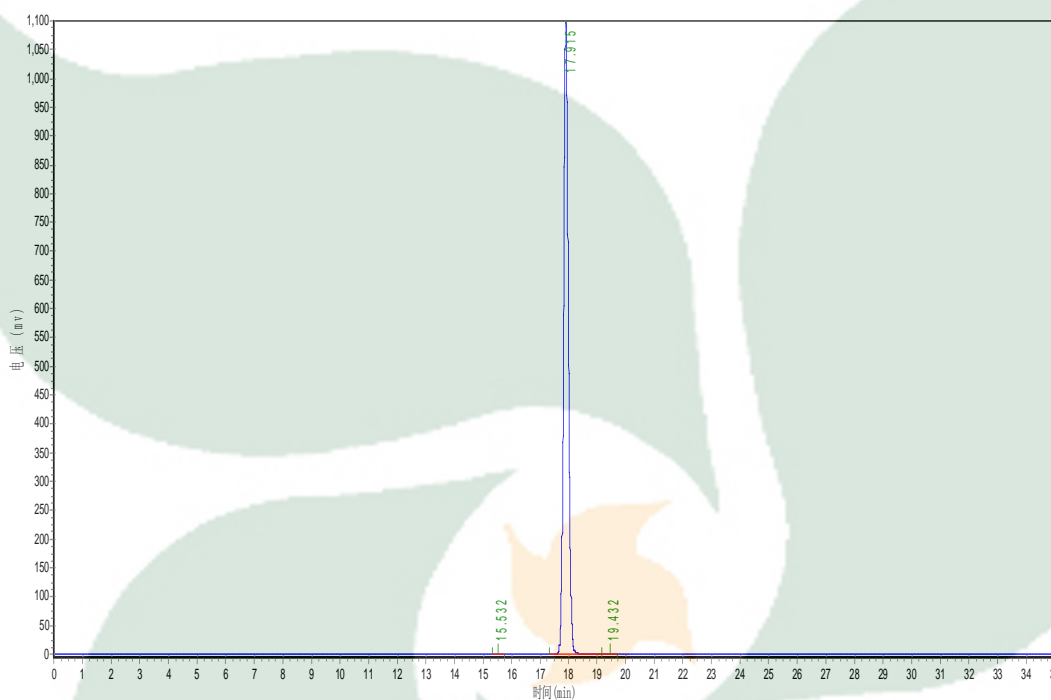
Analyst

Checker

Manager

Product Analysis Report

Product Name:	Scopoletin	Chrom-Column:	C18
Lot Number:	15072536	Mobile Phase:	ACN: 0.1%H3PO4(grads)
Temperature:	25°C	Wavelength:	346nm
Detect Time:	2015-07-25	Inject Vol:	20μL
Analyst:	shuzhilin	Flow:	1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	15.532	430.077	4071.800	0.0327
2	17.915	1096248.875	12445965.000	99.9402
3	19.432	267.335	3370.094	0.0271
			grads	
	Time/min	0	5	35
	ACN	10	10	80
	0.1%H3PO4	90	90	20