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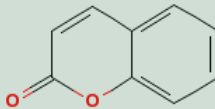
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PRODUCT ID	E-0214	Structure 
PRODUCT	Coumarin /香豆素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15072141	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-07-21	
DATE OF REPORT	2015-07-21	

CHEMICAL NAME

chromen-2-one

OTHER NAME

CHEMICAL FORMULA

C₉H₆O₂

MOLECULAR WEIGHT(MW)

146.14

CAS NUMBER

91-64-5

CHEMICAL FAMILY

Coumarins香豆素类

FROM

伞形科植物蛇床Cnidium monnieri (L.) Cuss.干燥成熟果实

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK94—2007	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK94—2007	NA	ND
Water	Q/TFFK94—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: Coumarin

Chrom-Column: C18

Lot Number: 15072141

Mobile Phase: MeOH:ACN:0.1%H₃PO₄(
6:18:76)

Detector: UV

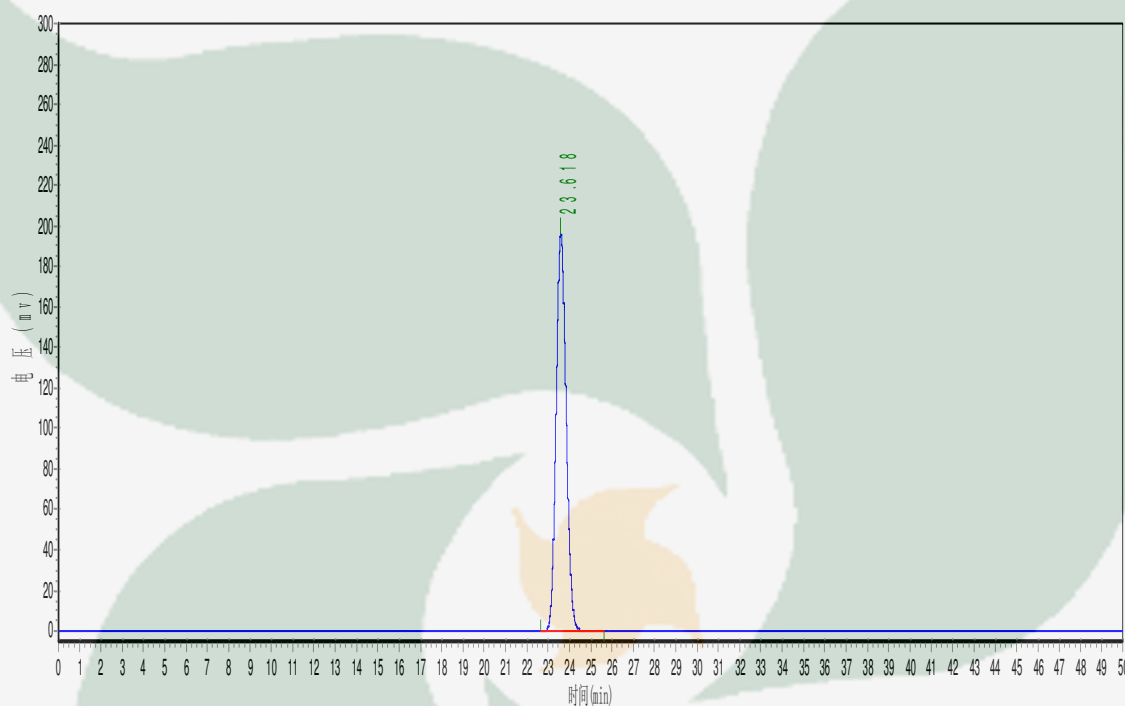
Wavelength: 254nm

Detect Time: 2015-07-21

Inject Vol: 20ul

Analyst: shuzhilin

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	23.618	195963.438	6433919.000	100.0000