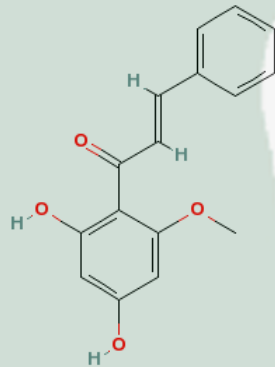


PRODUCT ID	E-0253	Structure 
PRODUCT	Cardamonin / 豆蔻明	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18010321	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-01-03	
DATE OF REPORT	2018-01-03	

OTHER NAME 2'4'-Dihydroxy-6'-methoxy-chalcone

CHEMICAL FORMULA C₁₆H₁₄O₄

MOLECULAR WEIGHT(MW) 270.28

CAS NUMBER 19309-14-9

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK248—2007	NLT ≥98.0%	99.6%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK248—2007	NA	ND
Water	Q/TFFK248—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

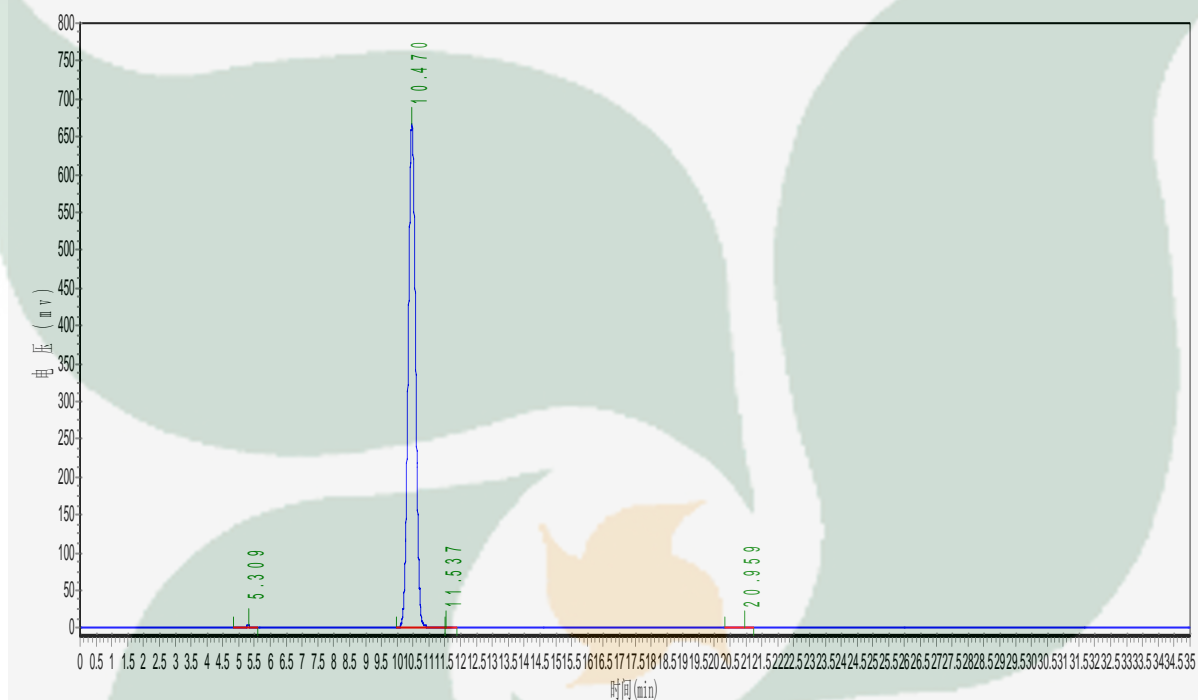
Analyst

Checker

Manager

Product Analysis Report

Product Name: Cardamonin **Chrom-Column:** C18
Lot Number: 18010321 **Mobile Phase:** MeOH:H2O(75:25)
Detector: UV **Wavelength:** 343nm
Detect Time: 2018-01-03 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.309	2678.467	31148.600	0.2871
2	10.470	665791.563	10809263.000	99.6245
3	11.537	294.667	5007.311	0.0462
4	20.959	191.514	4580.650	0.0422