



同田生物
TAUTO BIOTECH

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PRODUCT ID	E-0416	Structure 
PRODUCT	Galangin/高良姜素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18071122	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-07-11	
DATE OF REPORT	2018-07-11	

OTHER NAME Norisalpinin, 3, 5, 7-Trihydroxyflavone

CHEMICAL FORMULA C₁₅H₁₀O₅

MOLECULAR WEIGHT(MW) 270.2369

CAS NUMBER 548-83-4

CHEMICAL FAMILY Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT ≥98.0%	99.9%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	≤2%	Conforms
Appearance		white powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

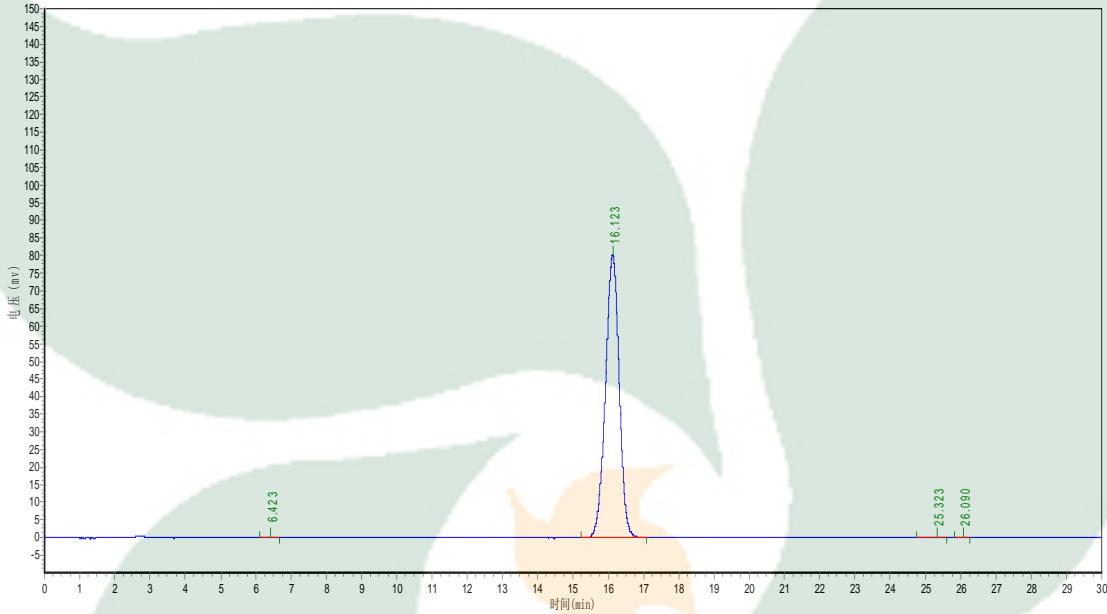
Analyst

Checker

Manager

Product Analysis Report

Product Name: Galangin **Chrom-Column** C18
Lot Number: 18071122 **Mobile Phase:** MeOH:0.1%H3PO4=65:35
Detector: UV **Wavelength:** 256nm
Detect Time: 2018-07-11 **Inject Vol:** 20ul
Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.423	100.765	1392.400	0.0640
2	16.123	80163.539	2172662.000	99.9114
3	25.323	17.560	324.300	0.0149
4	26.090	13.923	211.000	0.0097
5	39.857	65.818	3501.300	0.1608