



同田生物
TAUTO BIOTECH

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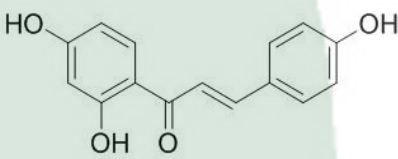
86-21-51320588-8008/8035/8026/8025

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PRODUCT ID	E-0044	Structure 
PRODUCT	Isoliquiritigenin / 异甘草素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18052921	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-29	
DATE OF REPORT	2018-05-29	

OTHER NAME	2',4,4'-Trihydroxychalcone
CHEMICAL FORMULA	C ₁₅ H ₁₂ O ₄
MOLECULAR WEIGHT(MW)	256.25338
CAS NUMBER	961-29-5
CHEMICAL FAMILY	Flavonoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK59—2006	NLT ≥98.0%	98.7%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK59—2006	NA	ND
Water	Q/TFFK59—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: Isliquiritigenin

Chrom-Column: C18

Lot Number: 18052921

Mobile Phase: ACN:0.1%H3PO4=40:60

Temperature: 25°C

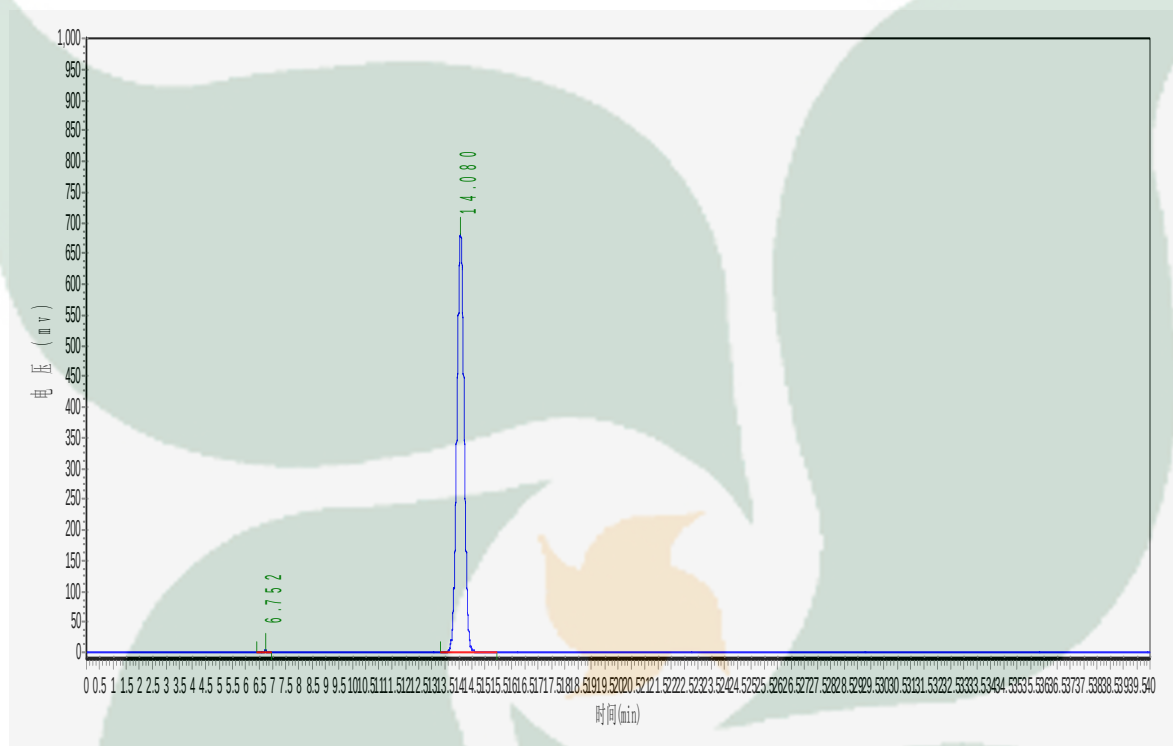
Wavelength: 310nm

Detect Time: 2018-05-29

Inject Vol: 20ul

Sample dissolution: ACN:0.1%H3PO4=1:1

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.843	5412.223	65770.898	0.7991
2	14.564	339002.250	8126582.500	98.7354
3	24.986	921.140	38310.887	0.4655