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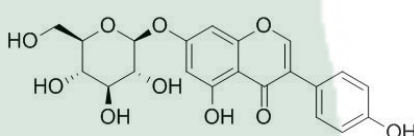
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PRODUCT ID	E-0006	Structure 
PRODUCT	Genistin /染料木苷	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17080416	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-08-04	
DATE OF REPORT	2017-08-04	

OTHER NAME	Genistoside, Genistein-7-glucoside
CHEMICAL FORMULA	C ₂₁ H ₂₀ O ₁₀
MOLECULAR WEIGHT(MW)	432.37
CAS NUMBER	529-59-9
CHEMICAL FAMILY	Flavonoids黄酮类
FROM	豆科植物大豆Glycinemax(L.)merr种子

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK9—2003	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK9—2003	NA	ND
Water	Q/TFFK9—2003	≤2%	Conforms
Appearance		Pale yellow crystal	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name:

Genistin

Chrom-Column:

C18

Lot Number:

17080416

Mobile Phase:

MeOH:0.1%H3PO4(gr
ads)

Detector:

UV

Wavelength:

260nm

Detect Time:

2017-08-04

Inject Vol:

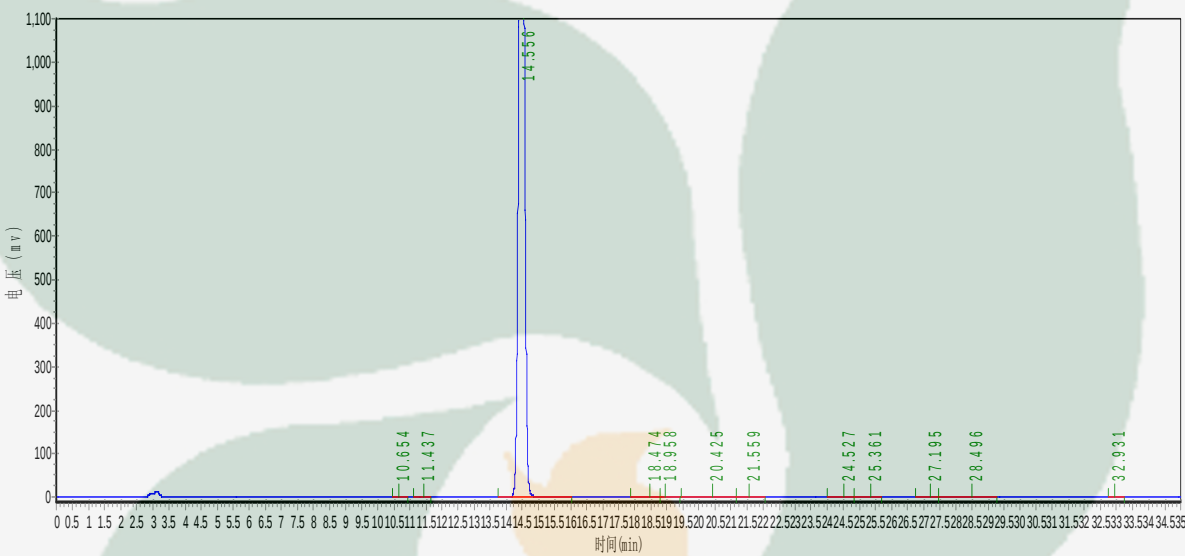
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Analyst:

shuzhilin

Flow:

1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	10.654	810.736	7938.160	0.0451
2	11.437	1075.364	10351.800	0.0588
3	14.556	1100601.750	17491882.000	99.3605
4	18.474	391.717	12397.129	0.0704
5	18.958	203.295	4519.816	0.0257
6	20.425	787.048	17628.555	0.1001
7	21.559	454.402	6048.657	0.0344
8	24.527	1216.400	14015.200	0.0796
9	25.361	275.462	4514.000	0.0256
10	27.195	625.027	8606.220	0.0489
11	28.496	738.107	21389.180	0.1215
12	32.931	308.438	5179.800	0.0294

grads

Time/min

0

35

MeOH

30

70

0.1%H3PO4

70

30