



地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

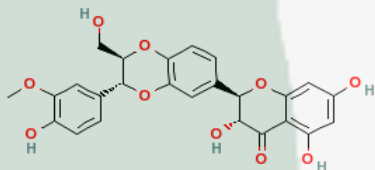
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

PRODUCT ID	E-0060	Structure 
PRODUCT	Silybin /水飞蓟宾	
STANDARD TYPE	Quantitative Reference Standard/ 含量测定	
LOT NUMBER	16032122	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2016-03-21	
DATE OF REPORT	2016-03-21	

CHEMICAL NAME

(2R,3R)-3,5,7-trihydroxy-2-[(2R,3R)-2-(4-hydroxy-3-methoxyphenyl)-3-(hydroxymethyl)-2,3-dihydro-1,4-benzodioxin-7-yl]-2,3-dihydrochromen-4-one

OTHER NAME

CHEMICAL FORMULA

C₂₅H₂₂O₁₀

MOLECULAR WEIGHT(MW)

482.43618

CAS NUMBER

22888-70-6

CHEMICAL FAMILY

Flavonoids黄酮类

FROM

milk thistle P.E .

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK42—2006	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK42—2006	NA	ND
Water	Q/TFFK42—2006	≤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: Silybin

Lot Number: 16032122

Temperature: 25°C

Detect Time: 2016-03-21

Analyst: shuzhilin

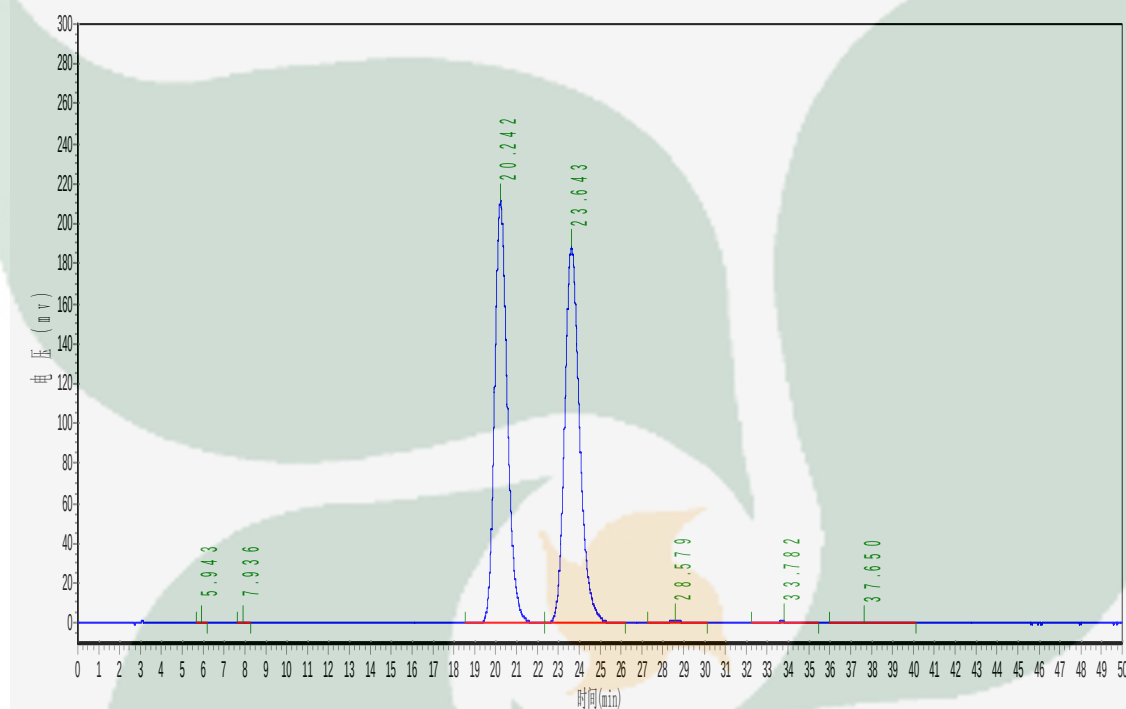
Chrom-Column: C18

Mobile Phase: MeOH:0.1%H₃PO₄=48:52

Wavelength: 287nm

Inject Vol: 20ul

Flow: 1.0ml/min



No.	I Height mAU	Area mAU*min	Rel.Area %	
1	5.943	379.176	4902.779	0.0264
2	7.936	489.282	7878.100	0.0424
3	20.242	210700.578	8954427.000	48.1399
4	23.643	188185.375	9443108.000	50.7671
5	28.579	1278.541	71050.797	0.3820
6	33.782	994.167	66219.898	0.3560
7	37.650	643.339	53240.500	0.2862