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销售热线：400-820-3059

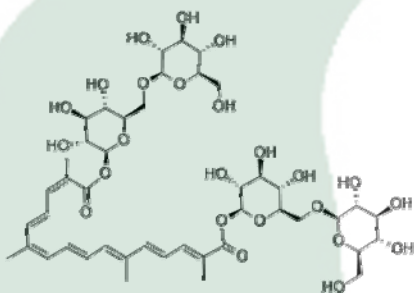
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

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

PRODUCT ID	E-0196	Structure 
PRODUCT	Crocin I /西红花苷 I	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	17101223	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-10-12	
DATE OF REPORT	2017-10-12	

OTHER NAME	Crocin/藏红花素 Saffron
CHEMICAL FORMULA	C ₄₄ H ₆₄ O ₂₄
MOLECULAR WEIGHT(MW)	976.96456
CAS NUMBER	42553-65-1
CHEMICAL FAMILY	Diterpenoid二萜类
FROM	鸢尾科植物番红花Crocus sativus L. 的柱头

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK713—2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK713—2010	NA	ND
Water	Q/TFFK713—2010	≤2%	Conforms
Appearance		light red brown powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name: Crocin I

Chrom-Column: Arcus C18

Lot Number: 17101223

Mobile Phase: MeOH: H2O=50: 50

Detector: UV

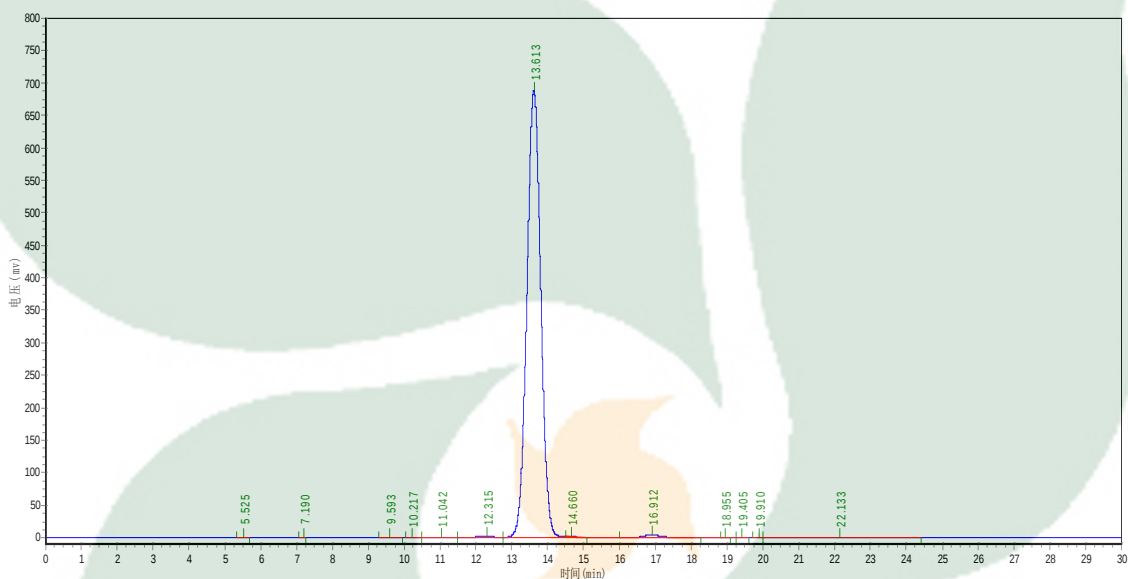
Wavelength: 440nm

Detect Time: 2017-10-12

Inject Vol: 20ul

Analyst: zhanghong

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.525	160.819	1884.900	0.0100
2	7.190	22.431	159.600	0.0008
3	9.593	164.126	3336.400	0.0177
4	10.217	66.867	889.650	0.0047
5	11.042	293.671	9642.431	0.0512
6	12.315	1597.287	60584.559	0.3216
7	13.613	687885.813	18579374.000	98.6239
8	14.660	284.009	4762.701	0.0253
9	16.912	3499.066	124657.844	0.6617
10	18.955	26.714	230.067	0.0012
11	19.405	28.416	240.800	0.0013
12	19.910	15.881	32.281	0.0002
13	22.133	412.580	52663.156	0.2795