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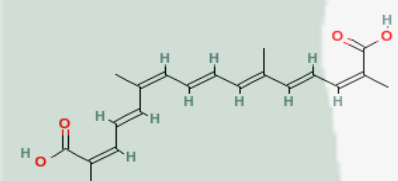
86-21-51320588-8008/8035/8026/8025

传真：86-21-51320502

QQ:800015916

URL: www.tautobiotech.com

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

PRODUCT ID	E-0366	Structure 
PRODUCT	α -Crocetin /藏红花酸	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18050831	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-05-08	
DATE OF REPORT	2018-05-08	

OTHER NAME	Crocetin
CHEMICAL FORMULA	C ₂₀ H ₂₄ O ₄
MOLECULAR WEIGHT(MW)	328.40216
CAS NUMBER	27876-94-4
CHEMICAL FAMILY	Fatty acid

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK170—2007	NLT $\geq$ 96.0%	96.05%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK170—2007	NA	ND
Water	Q/TFFK170—2007	$\leq$ 2%	Conforms
Appearance		Pale Red Powder	Conforms

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

Analyst

Checker

Manager

Product Analysis Report

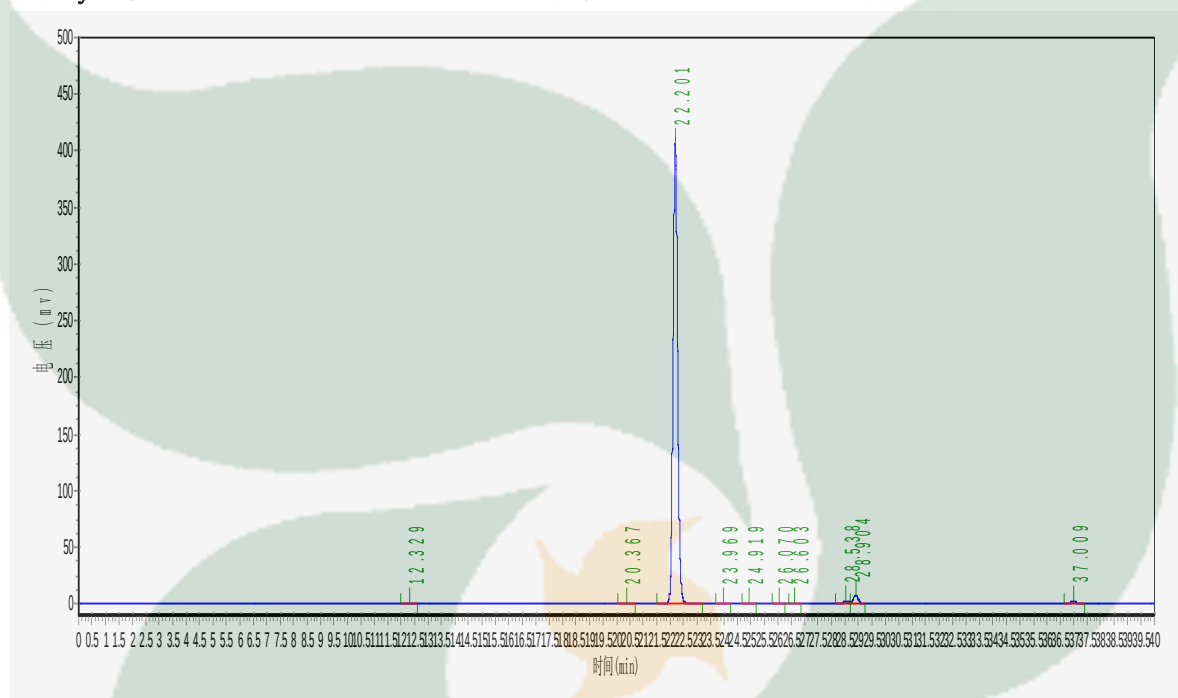
Product Name: α -Crocin Chrom-Column: C18

Lot Number: 18050831 Mobile Phase: ACN:0.1%H3PO4(Grads)

Detector: UV Wavelength: 432nm

Detect Time: 2018-05-08 Inject Vol: 20ul

Analyst: shuzhilin Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	12.329	507.222	5093.600	0.1020
2	20.367	704.855	9761.299	0.1955
3	22.201	410109.656	4797059.000	96.0588
4	23.969	184.400	3225.700	0.0646
5	24.919	321.000	4225.600	0.0846
6	26.070	283.784	4566.086	0.0914
7	26.603	618.595	7725.268	0.1547
8	28.538	2301.940	29384.695	0.5884
9	28.904	7750.552	99705.805	1.9966
10	37.009	2165.641	33132.816	0.6635

Grads

time/min	0	40
ACN	40	80
0.1%H3PO4	60	20