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

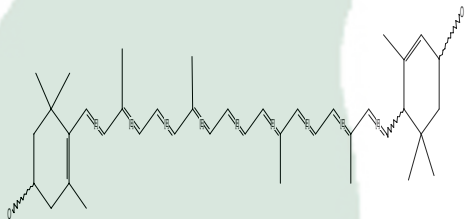
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PRODUCT ID	E-0397	Structure 
PRODUCT	Xanthophyll/叶黄素/lutein	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18012322	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-01-23	
DATE OF REPORT	2018-01-23	

OTHER NAME

all-trans-lutein;all-E-lutein

CHEMICAL FORMULA

C32H46O8

MOLECULAR WEIGHT(MW)

558.7

CAS NUMBER

127-40-2

CHEMICAL FAMILY

Carotenoids

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK587—2007	NLT $\geq 90\%$	90.1%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK587—2004	NA	ND
Water	Q/TFFK587—2004	$\leq 2\%$	Conforms
Appearance		Pale Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

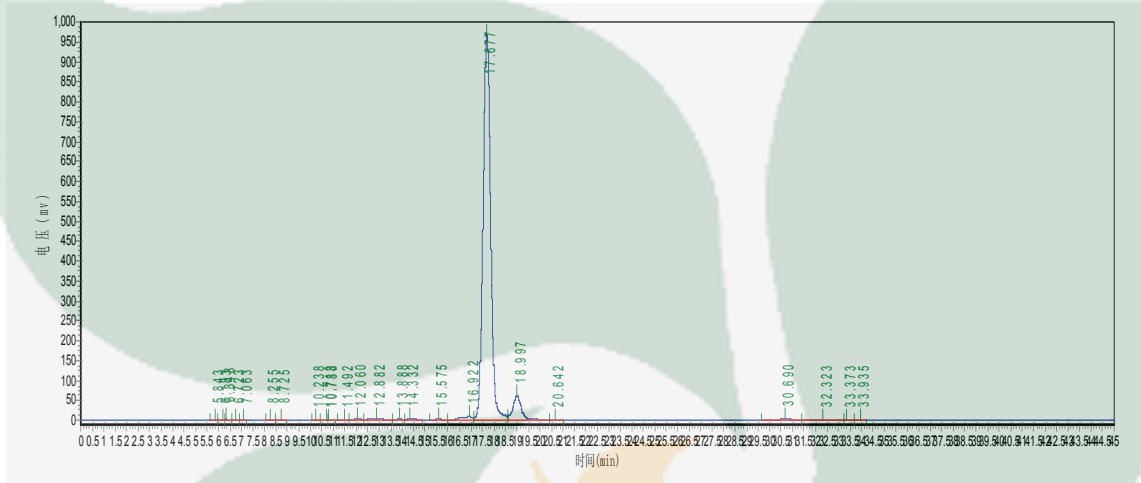
Product Name: Xanthophyll **Chrom-Column** C18

Lot Number: 18012322 **Mobile Phase:** MeOH:ACN=5:95

Temperature: 25°C **Wavelength:** 446nm

Detect Time: 2018-01-23 **Inject Vol:** 20ul

Sample dissolution: MeOH **Flow:** 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.843	828.776	7018.453	0.0282
2	6.183	1034.342	10173.821	0.0408
3	6.348	1520.282	15305.510	0.0615
4	6.723	1142.145	12284.200	0.0493
5	7.063	298.678	3353.785	0.0135
6	8.255	546.603	5710.095	0.0229
7	8.725	762.347	12349.252	0.0496
8	10.238	391.971	4001.000	0.0161
9	10.713	578.453	4761.365	0.0191
10	10.788	621.567	6662.133	0.0267
11	11.492	644.801	11448.035	0.0460
12	12.060	3025.505	49117.844	0.1972
13	12.882	4300.089	146530.594	0.5883
14	13.888	1090.436	21736.061	0.0873
15	14.332	1807.190	44096.531	0.1771
16	15.575	1523.999	28904.818	0.1161
17	16.922	8839.535	294010.781	1.1805
18	17.677	968065.813	22451990.000	90.1493
19	18.997	60186.617	1604392.375	6.4420
20	20.642	603.017	13491.103	0.0542
21	30.690	2581.296	95750.805	0.3845
22	32.323	1106.558	53052.766	0.2130

23	33. 373	246. 018	4273. 083	0. 0172
24	33. 935	229. 229	4936. 777	0. 0198

