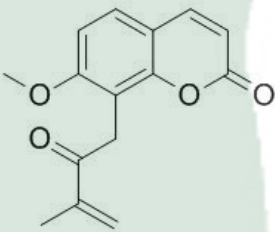


PRODUCT ID	E-3087	Structure 
PRODUCT	Murrayone/九里香酮	
STANDARD TYPE	Qualitative Analysis/鉴别	
LOT NUMBER	18042525	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-04-25	
DATE OF REPORT	2018-04-25	

OTHER NAME	NA
CHEMICAL FORMULA	C ₁₅ H ₁₄ O ₄
MOLECULAR WEIGHT(MW)	258.27
CAS NUMBER	19668-69-0
CHEMICAL FAMILY	Coumarins

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK265—2007	NLT ≥94.0%	94.4%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK265—2007	NA	ND
Water	Q/TFFK265—2007	≤2%	Conforms
Appearance		Pink Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

Analyst

Checker

Manager

Product Analysis Report

Product Name:

Murrayone

Chrom-Column C18

Lot Number:

18042525

Mobile Phase: ACN: H2O(10%-90%)

Detector:

UV

Wavelength:

254nm

Detect Time:

2018-04-25

Inject Vol:

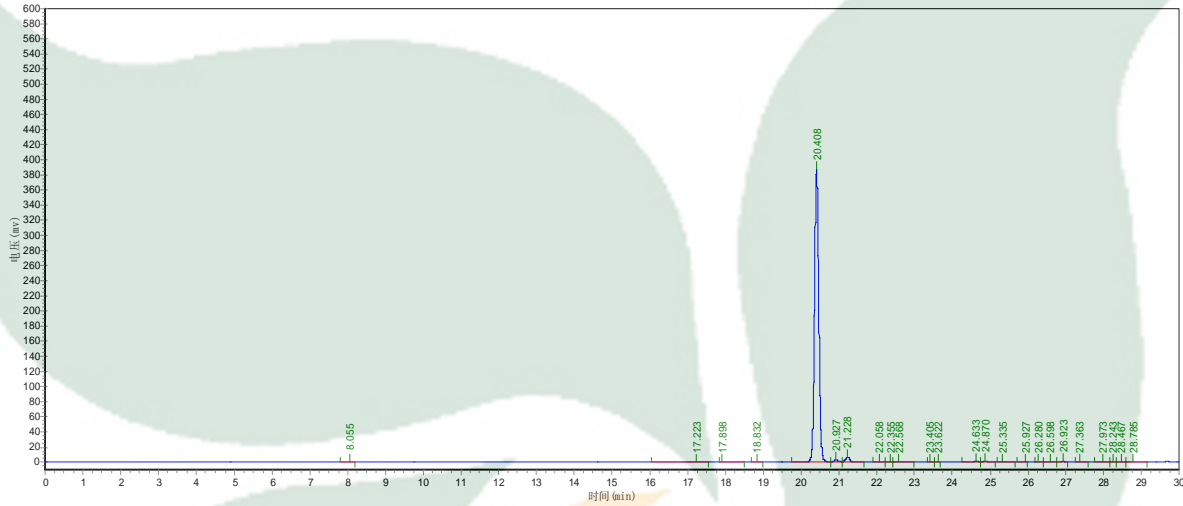
20ul

Sample dissolution:

MeOH

Flow:

1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	8.055	55.008	352.100	0.0112
2	17.223	568.807	34003.043	1.0801
3	17.898	340.774	6399.908	0.2033
4	18.832	106.871	724.900	0.0230
5	20.408	386411.594	2975267.750	94.5100
6	20.927	3032.547	26516.852	0.8423
7	21.228	6558.935	50895.059	1.6167
8	22.058	173.983	1228.200	0.0390
9	22.355	63.074	500.630	0.0159
10	22.568	370.889	4144.161	0.1316
11	23.405	70.389	423.700	0.0135
12	23.622	30.158	114.500	0.0036
13	24.633	1021.472	10309.700	0.3275
14	24.870	893.021	9020.279	0.2865
15	25.335	239.946	2502.500	0.0795

16	25.927	109.091	741.120	0.0235
17	26.280	112.693	889.008	0.0282
18	26.598	203.413	2143.828	0.0681
19	26.923	607.392	4397.950	0.1397
20	27.363	258.024	2144.500	0.0681
21	27.973	509.292	5944.367	0.1888
22	28.243	193.619	1503.443	0.0478
23	28.467	201.646	1928.948	0.0613
24	28.785	416.253	6001.193	0.1906

