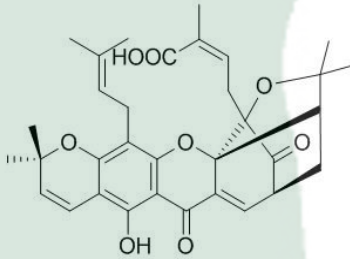


PRODUCT ID	E-2517	Structure 
PRODUCT	Morellic acid/藤黄酸B	
STANDARD TYPE	Qualitative Reference Material/含量测定	
LOT NUMBER	17081121	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2017-08-11	
DATE OF REPORT	2017-08-11	

OTHER NAME Gambogic acid B

CHEMICAL FORMULA C₃₃H₃₆O₈

MOLECULAR WEIGHT(MW) 560.634

CAS NUMBER 5304-71-2

CHEMICAL FAMILY

FROM 藤黄Garcinia hanburyi Hook. f.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK730-2010	NLT ≥98.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK730—2010	NA	ND
Water	Q/TFFK730—2010	≤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: Morellic acid

Chrom-Column Arcus C18

Lot Number: 17081121

Mobile Phase: ACN:0.1%H3PO4(86:14)

Detector: UV

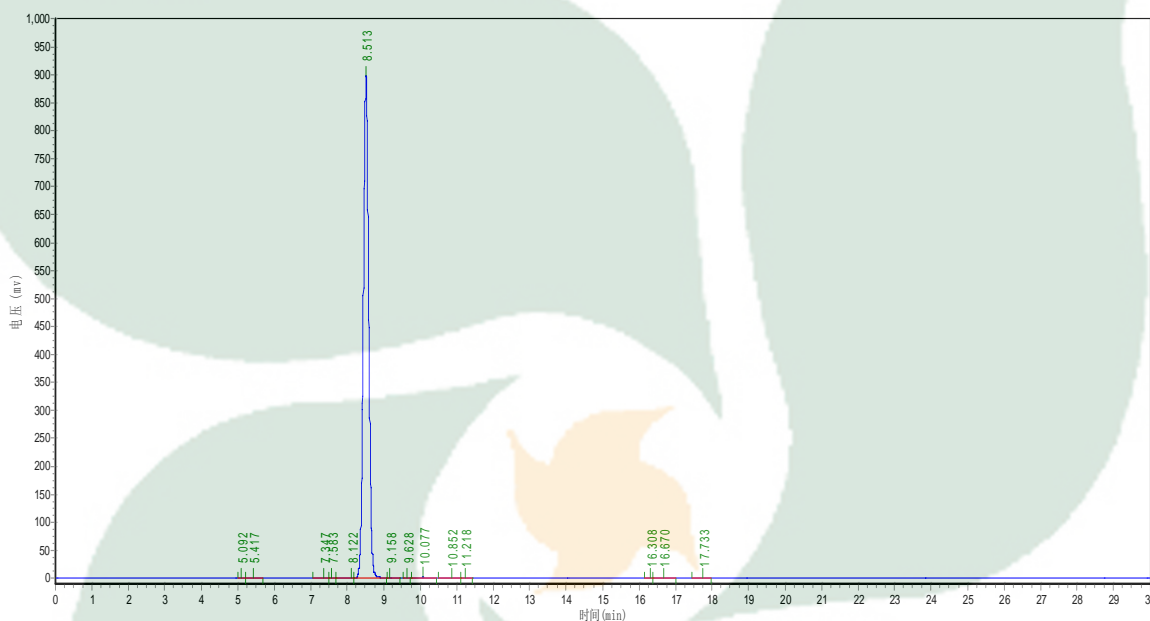
Wavelength: 362nm

Detect Time: 2017-08-11

Inject Vol: 20ul

Analyst: zhanghong

Flow: 1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	5.092	44.837	250.150	0.0027
2	5.417	87.605	1286.400	0.0141
3	7.347	251.641	3317.919	0.0364
4	7.583	135.705	1166.793	0.0128
5	8.122	630.315	7788.684	0.0854
6	8.513	898337.125	9066236.000	99.4365
7	9.158	813.836	14423.111	0.1571
8	9.628	579.003	8160.391	0.0889
9	10.077	1634.339	35055.121	0.3817
10	10.852	318.018	5959.444	0.0649
11	11.218	91.021	1020.322	0.0111
12	16.308	41.901	290.675	0.0032
13	16.670	105.394	2289.275	0.0251
14	17.733	102.058	1511.550	0.0166