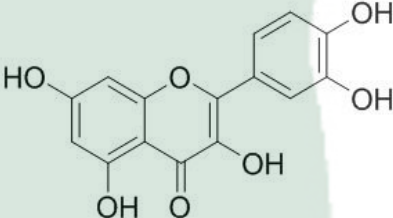


PRODUCT ID	E-0014	Structure 
PRODUCT	Quercetin /槲皮素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	18062631	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2018-06-26	
DATE OF REPORT	2018-06-26	

OTHER NAME	Sophoretin
CHEMICAL FORMULA	C ₁₅ H ₁₀ O ₇
MOLECULAR WEIGHT(MW)	302.236
CAS NUMBER	117-39-5
CHEMICAL FAMILY	Flavonoids黄酮类

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK11—2003	NLT ≥98.0%	99.8%
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK11—2003	NA	ND
Water	Q/TFFK11—2003	≤2%	Conforms
Appearance		yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE	Refer to the label
SHELF LIFE	2 Years

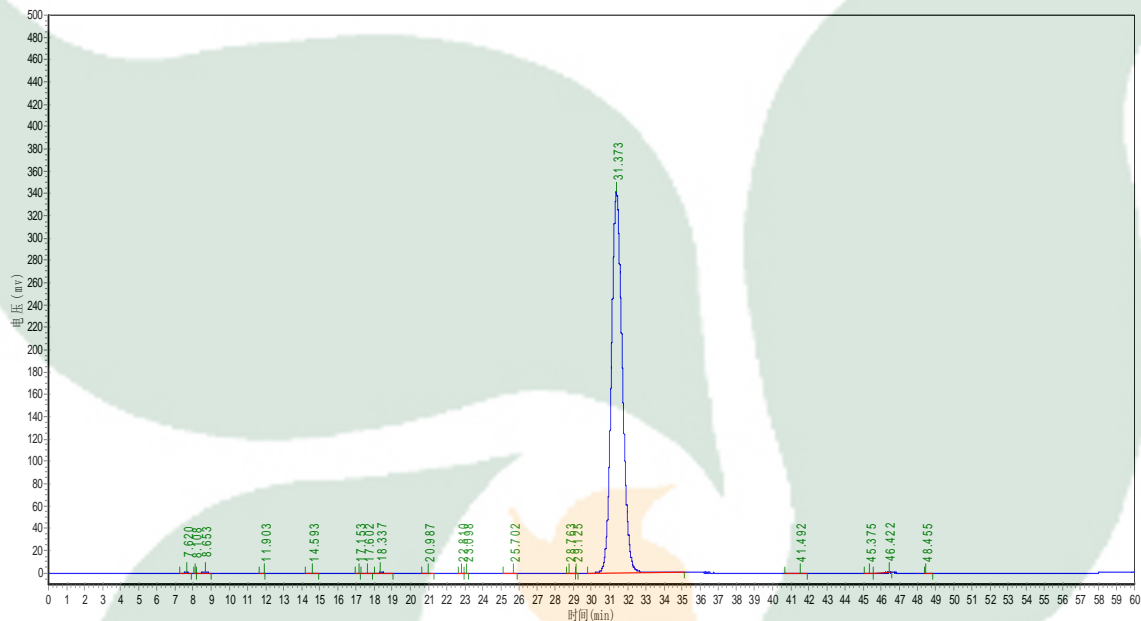
Analyst

Checker

Manager

Product Analysis Report

Product Name: Quercetin **Chrom-Column:** C18
Lot Number: 18062631 **Mobile Phase:** 0.1%H3PO4:MeOH=55:55
Detector: UV **Wavelength:** 360nm
Detect Time: 2018-06-26 **Inject Vol:** 20μL
Analyst: zhanghong **Flow:** 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.620	228.497	3674.800	0.0256
2	8.108	26.554	168.597	0.0012
3	8.653	234.147	4606.419	0.0321
4	11.903	14.682	203.200	0.0014
5	14.593	53.238	1140.350	0.0080
6	17.153	25.884	125.550	0.0009
7	17.602	65.000	1657.400	0.0116
8	18.337	145.000	4167.200	0.0291
9	20.987	29.000	443.700	0.0031
10	22.810	24.000	270.400	0.0019
11	23.098	18.000	141.200	0.0010
12	25.702	24.803	465.450	0.0032
13	28.763	20.233	73.053	0.0005
14	29.125	17.805	66.171	0.0005
15	31.373	341396.063	14321871.000	99.8729

16	41.492	26.392	595.300	0.0042
17	45.375	12.186	51.700	0.0004
18	46.422	13.737	19.901	0.0001
19	48.455	21.253	357.800	0.0025

