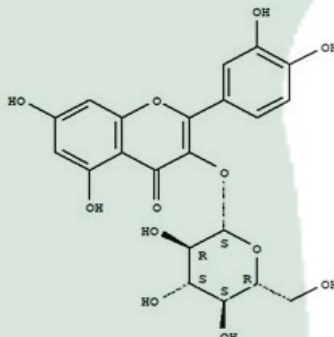


<b>PRODUCT ID</b>	E-0741	<p align="center"><b>Structure</b></p> 
<b>PRODUCT</b>	Quercetin 3-β-D-glucoside / 槲皮素-3-O-葡萄糖苷 / 异槲皮苷	
<b>STANDARD TYPE</b>	Quantitative Reference Standard / 含量测定	
<b>LOT NUMBER</b>	18040921	
<b>ASSAY METHOD</b>	HPLC,MS,NMR	
<b>DATE OF SAMPLE</b>	2018-04-09	
<b>DATE OF REPORT</b>	2018-04-09	

**OTHER NAME** Isoquercetin

**CHEMICAL FORMULA** C<sub>21</sub>H<sub>20</sub>O<sub>12</sub>

**MOLECULAR WEIGHT(MW)** 464.38

**CAS NUMBER** 482-35-9

**CHEMICAL FAMILY**

**ANALYTICAL RESULT**

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK159—2007	NLT ≥98.0%	99.5%
NMR		Conforms	Conforms
MS		Conforms	Conforms
<b>Residual Solvent</b>	Q/TFFK159—2007	NA	ND
<b>Water</b>	Q/TFFK159—2007	≤2%	Conforms
<b>Appearance</b>		Pale Yellow Powder	Conforms

**STORAGE CONDITIONS**

STORAGE Refer to the label

SHELF LIFE 2 Years

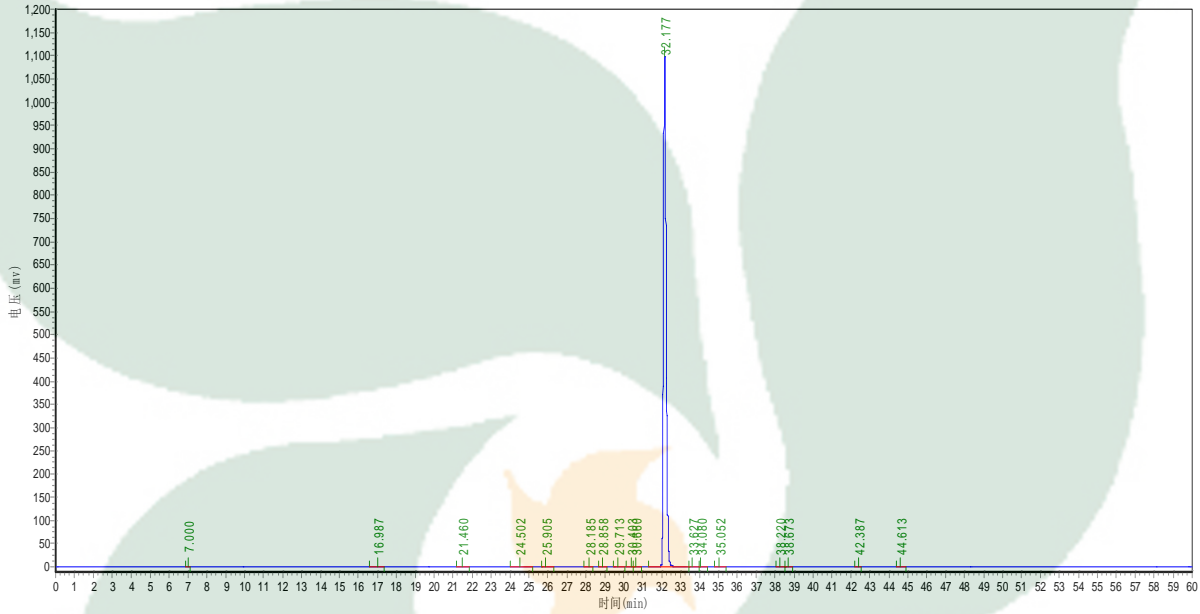
Analyst

Checker

Manager

# Product Analysis Report

**Product Name:** Quercetin 3-p-D-glucoside  
**Chrom-Column:** Arcus C18  
**Lot Number:** 18040921  
**Mobile Phase:** ACN:0.01MNaH2PO4(pH=3.0)(grads)  
**Temperature:** 25°C  
**Wavelength:** 360nm  
**Detect Time:** 2018-04-09  
**Inject Vol:** 20μL  
**Sample dissolution:** ACN,0.01MNaH2PO4-1:1  
**Flow:** 1ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	7.000	52.110	440.600	0.0040
2	16.987	150.829	3471.700	0.0315
3	21.460	49.745	1043.350	0.0095
4	24.502	91.957	2831.350	0.0257
5	25.905	84.508	1851.834	0.0168
6	28.185	91.598	985.550	0.0089
7	28.858	231.096	2486.400	0.0225
8	29.713	365.452	4349.400	0.0394
9	30.403	46.760	403.800	0.0037
10	30.660	1239.820	11970.866	0.1085
11	32.177	1098778.375	10976818.000	99.5153
12	33.627	258.353	5164.458	0.0468
13	34.080	82.645	1129.632	0.0102
14	35.052	408.231	4733.550	0.0429
15	38.220	681.572	7778.471	0.0705

16	38.673	184.583	1875.216	0.0170
17	42.387	107.487	819.350	0.0074
18	44.613	175.349	2128.650	0.0193

	Grads				
time/min	0	20	35	45	60
ACN	14	14	30	38	50
0.02MKH2P04	86	86	70	62	50

