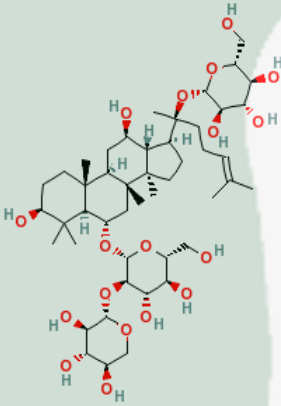


PRODUCT ID	E-0215	<p align="center">Structure</p> 
PRODUCT	Morin / 桑色素	
STANDARD TYPE	Quantitative Reference Material (含量测定)	
LOT NUMBER	15061821	
ASSAY METHOD	HPLC,MS,NMR	
DATE OF SAMPLE	2015-06-18	
DATE OF REPORT	2015-06-18	

CHEMICAL NAME

2-(2,4-dihydroxyphenyl)-3,5,7-trihydroxychromen-4-one

OTHER NAME

CHEMICAL FORMULA

C₁₅H₁₀O₇

MOLECULAR WEIGHT(MW)

302.236

CAS NUMBER

480-16-0

CHEMICAL FAMILY

Flavonoids 黄酮类

FROM

Morus alba L.

ANALYTICAL RESULT

TEST	METHOD	SPECIFICATION	RESULT
HPLC	Q/TFFK216—2007	NLT ≥96.0%	Conforms
NMR		Conforms	Conforms
MS		Conforms	Conforms
Residual Solvent	Q/TFFK216—2007	NA	ND
Water	Q/TFFK216—2007	≤2%	Conforms
Appearance		Yellow Powder	Conforms

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

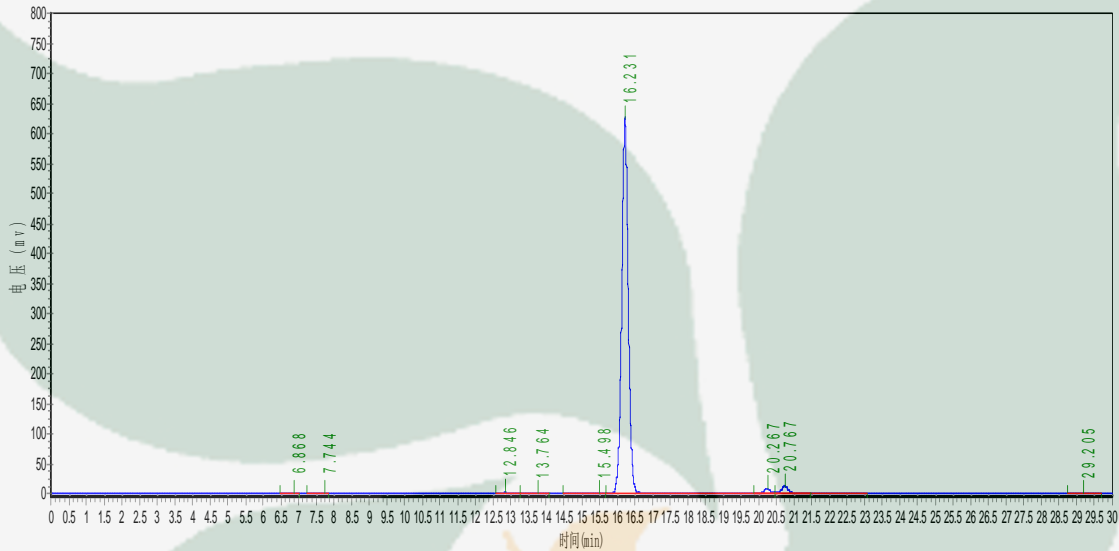
Analyst

Checker

Manager

Product Analysis Report

Product Name:	Morin	Chrom-Column:	C18
Lot Number:	15061821	Mobile Phase:	ACN:0.1%H3PO4(grads)
Detector:	UV	Wavelength:	254nm
Detect Time:	2015-06-18	Inject Vol:	20ul
Analyst:	shuzhilin	Flow:	1.0ml/min



No.	Ret.Time min	Height mAU	Area mAU*min	Rel.Area %
1	6.868	363.662	3881.550	0.0466
2	7.744	196.877	3103.775	0.0373
3	12.846	1565.324	18015.301	0.2165
4	13.764	151.649	5236.295	0.0629
5	15.498	183.972	7129.167	0.0857
6	16.231	616776.063	8013267.000	96.2812
7	20.267	7732.778	99002.297	1.1895
8	20.767	12165.667	167858.438	2.0169
9	29.205	208.102	5278.789	0.0634

grads

Time/min	0	30
ACN	20	60
0.1%H3PO4	80	40