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86-21-51320588-8008/8035/8026/8025

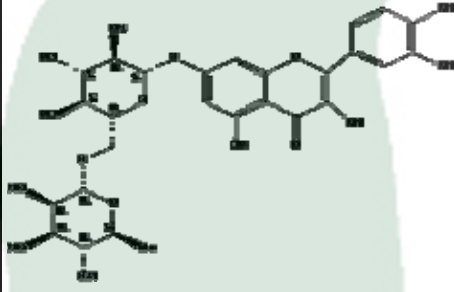
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| | | |
|-----------------------|---------------------------------------|--|
| PRODUCT ID | E-2316 | Structure  |
| PRODUCT | Quercetin-7-O-rutinoside/槲皮素-7-O-芸香糖苷 | |
| STANDARD TYPE | Qualitative Analysis/鉴别用 | |
| LOT NUMBER | 15102822 | |
| ASSAY METHOD | HPLC,NMR | |
| DATE OF SAMPLE | 2015-10-28 | |
| DATE OF REPORT | 2015-10-28 | |

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C₂₇H₃₀O₁₆

MOLECULAR WEIGHT(MV)

610.52

CAS NUMBER

147714-62-3

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|--------------------|----------|
| HPLC | Q/TFFK319—2007 | NLT ≥71.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK319—2007 | NA | ND |
| Water | Q/TFFK319—2007 | ≤2% | Conforms |
| Appearance | | Pale yellow Powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

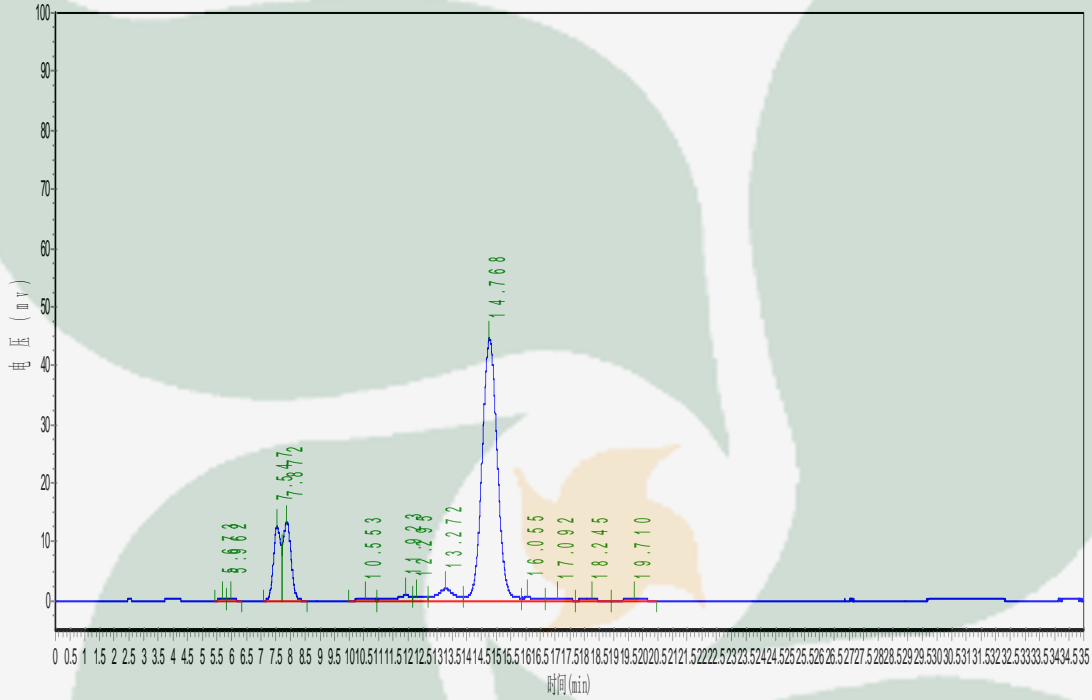
Checker

Manager

Product Analysis Report

Product Name: Quercetin-7-O-rutinoside
Lot Number: 15102822
Detector: UV
Detect Time: 2015-10-28
Analyst: shuzhilin

Chrom-Column: C18
Mobile Phase: MeOH:0.1%H3PO4 (35:65)
Wavelength: 254nm
Inject Vol: 20ul
Flow: 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|--------------|------------|--------------|------------|
| 1 | 5.673 | 260.724 | 3375.736 | 0.1506 |
| 2 | 5.962 | 244.415 | 3700.671 | 0.1651 |
| 3 | 7.547 | 12466.897 | 220070.766 | 9.8175 |
| 4 | 7.872 | 13424.230 | 244878.813 | 10.9242 |
| 5 | 10.553 | 232.007 | 6431.913 | 0.2869 |
| 6 | 11.923 | 816.355 | 29294.160 | 1.3068 |
| 7 | 12.295 | 702.994 | 18067.420 | 0.8060 |
| 8 | 13.272 | 1897.667 | 77401.781 | 3.4530 |
| 9 | 14.768 | 44549.234 | 1598151.125 | 71.2947 |
| 10 | 16.055 | 432.439 | 15797.079 | 0.7047 |
| 11 | 17.092 | 270.216 | 10839.705 | 0.4836 |
| 12 | 18.245 | 135.193 | 5296.354 | 0.2363 |
| 13 | 19.710 | 197.704 | 8306.838 | 0.3706 |