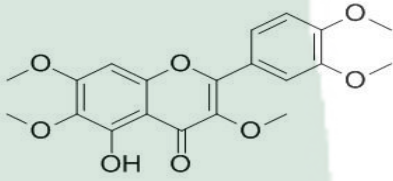


| | | |
|-----------------------|--|--|
| PRODUCT ID | E-3029 | Structure  |
| PRODUCT | Artemisetin/艾黄素 | |
| STANDARD TYPE | Quantitative Reference Material (含量测定) | |
| LOT NUMBER | 17062622 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2017-06-26 | |
| DATE OF REPORT | 2017-06-26 | |

| | |
|-----------------------------|--|
| OTHER NAME | 六棱菊亭 |
| CHEMICAL FORMULA | C ₂₀ H ₂₀ O ₈ |
| MOLECULAR WEIGHT(MW) | 388.4 |
| CAS NUMBER | 479-90-3 |
| CHEMICAL FAMILY | Flavonoids黄酮类 |
| FROM | 黄花蒿Artemisia annua Linn |

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|---------------|----------------|----------|
| HPLC | Q/TFFK88—2007 | NLT ≥98.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK88—2007 | NA | ND |
| Water | Q/TFFK88—2007 | ≤2% | Conforms |
| Appearance | | Yellow Crystal | Conforms |

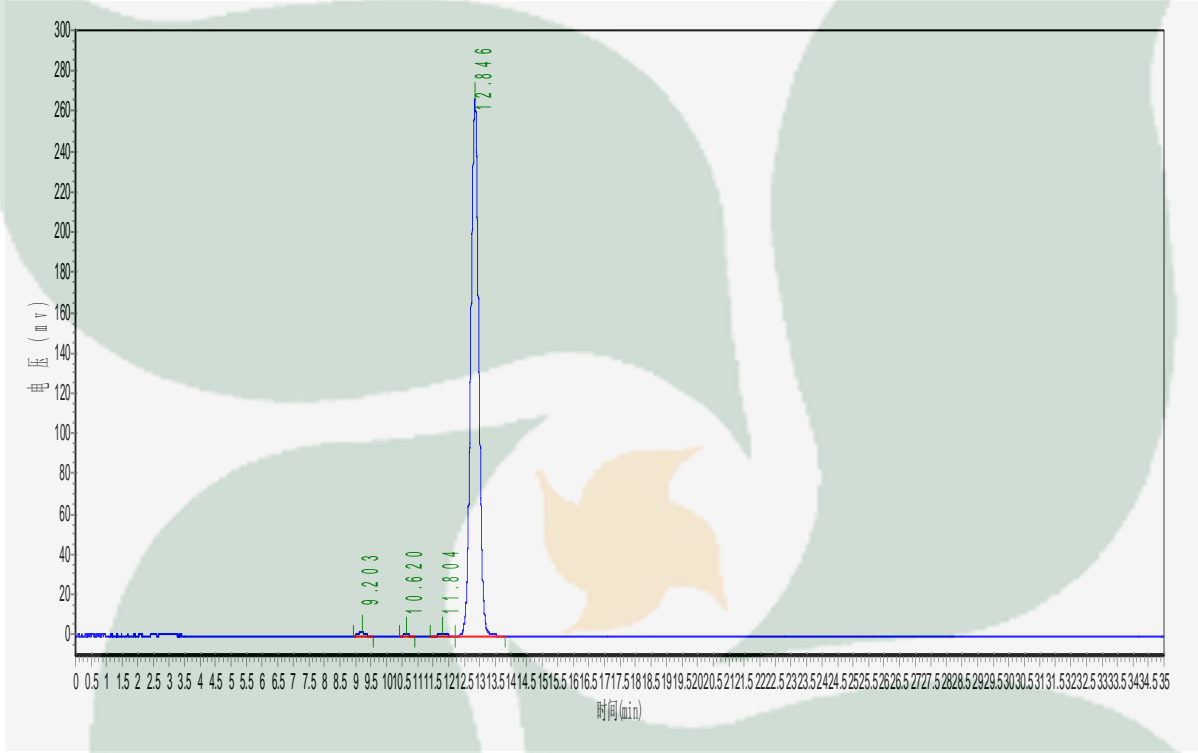
STORAGE CONDITIONS

| | |
|------------|--------------------|
| STORAGE | Refer to the label |
| SHELF LIFE | 2 Years |

Analyst
Checker
Manager

Product Analysis Report

Product Name: Artemisetin **Chrom-Column:** C18
Lot Number: 17062622 **Mobile Phase:** MeOH:0.1%H3PO4=7
0:30
Detector: UV **Wavelength:** 348nm
Detect Time: 2017-06-26 **Inject Vol:** 20ul
Analyst: shuzhilin **Flow:** 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 9.203 | 2090.570 | 28822.500 | 0.5976 |
| 2 | 10.620 | 632.390 | 9594.959 | 0.1989 |
| 3 | 11.804 | 1207.053 | 21733.500 | 0.4506 |
| 4 | 12.846 | 265918.750 | 4763068.000 | 98.7529 |