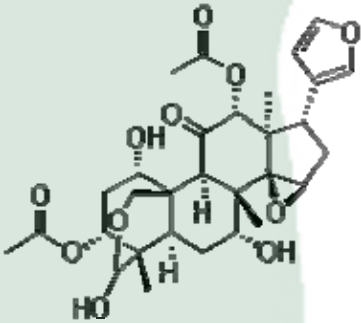


| | | |
|-----------------------|-------------------------------------|---|
| PRODUCT ID | E-0634 | Structure  |
| PRODUCT | Toosendanin/川楝素 | |
| STANDARD TYPE | Qualitative Reference Material/含量测定 | |
| LOT NUMBER | 18062621 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2018-06-26 | |
| DATE OF REPORT | 2018-06-26 | |

OTHER NAME 28-Deacetylsendanin; Chuanliansu

CHEMICAL FORMULA C30H38O11

MOLECULAR WEIGHT(MW) 574.62

CAS NUMBER 58812-37-6

CHEMICAL FAMILY Triterpenoids

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK542—2007 | NLT ≥98.0% | 99.7% |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK542—2007 | NA | ND |
| Water | Q/TFFK542—2007 | ≤2% | Conforms |
| Appearance | | white powder | Conforms |

STORAGE CONDITIONS

STORAGE Refer to the label

SHELF LIFE 2 Years

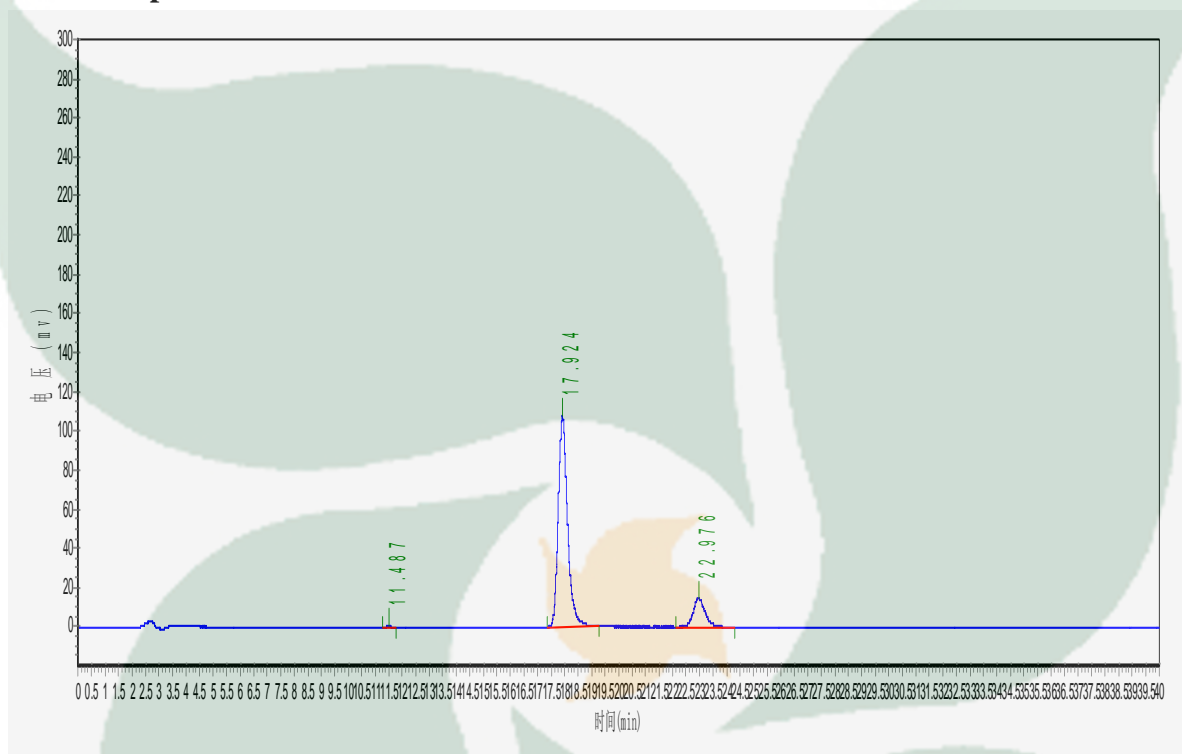
Analyst

Checker

Manager

Product Analysis Report

Product Name: Toosendanin **Chrom-Column:** C18
Lot Number: 18062621 **Mobile Phase:** ACN:H2O=35:65
Detector: UV **Wavelength:** 210nm
Detect Time: 2018-06-26 **Inject Vol:** 20ul
Sample dissolution: 70%MeOH **Flow:** 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 11.487 | 468.168 | 7298.361 | 0.2395 |
| 2 | 17.924 | 108535.375 | 2594053.750 | 85.1158 |
| 3 | 22.976 | 14634.265 | 446323.625 | 14.6447 |