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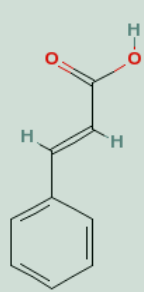
86-21-51320588-8008/8035/8026/8025

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| | | |
|-----------------------|--|---|
| PRODUCT ID | E-0301 | Structure  |
| PRODUCT | Cinnamic acid/ 桂皮酸 (肉桂酸) | |
| STANDARD TYPE | Quantitative Reference Material (含量测定) | |
| LOT NUMBER | 17062735 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2017-06-27 | |
| DATE OF REPORT | 2017-06-27 | |

CHEMICAL NAME (E)-3-phenylprop-2-enoic acid

OTHER NAME beta-phenylacrylic acid

CHEMICAL FORMULA C₉H₈O₂

MOLECULAR WEIGHT(MW) 148.15862

CAS NUMBER 621-82-9

CHEMICAL FAMILY Phenylpropionic acid 苯丙酸类

FROM 玄参科植物玄参 Scrophularia ningpoensis Hemsl. 的根

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK295—2007 | NLT ≥98.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK295—2007 | NA | ND |
| Water | Q/TFFK295—2007 | ≤2% | Conforms |
| Appearance | | White Powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

Checker

Manager

Product Analysis Report

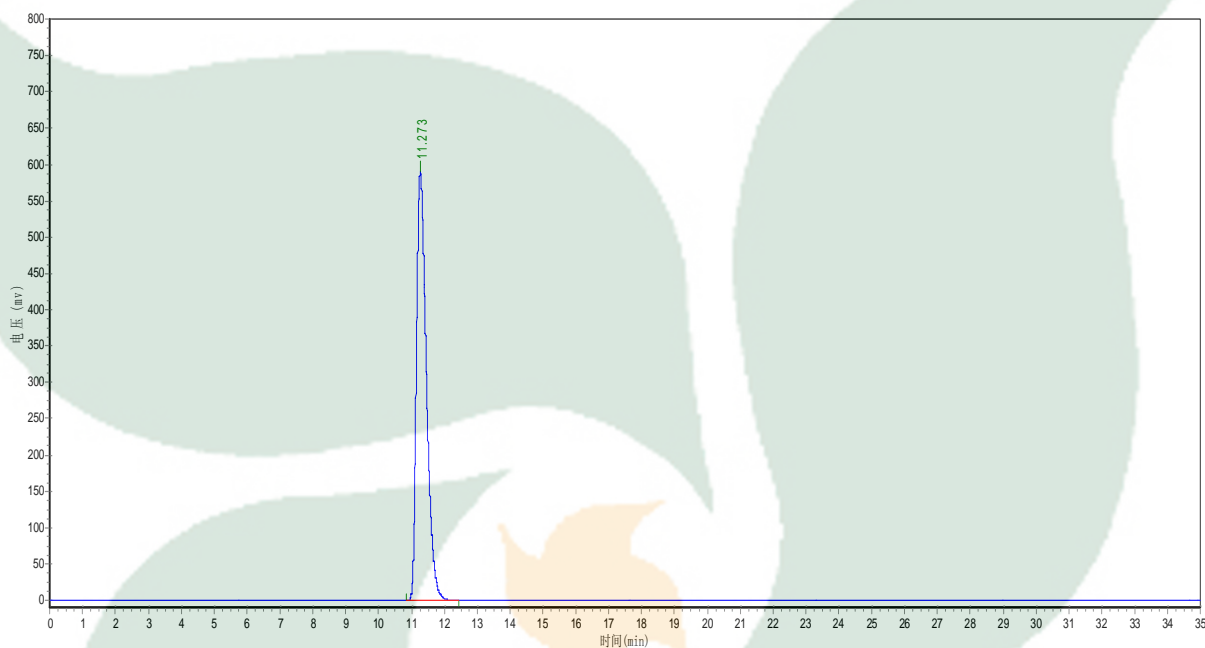
Product Name: Cinnamic acid Chrom-Column: C18

Lot Number: 17062735 Mobile Phase: ACN: 0.1%H3PO4 (35: 65)

Detector: UV Wavelength: 285nm

Detect Time: 2017-06-27 Inject Vol: 20ul

Analyst: shuzhilin Flow: 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 11.273 | 589669.875 | 12327652.000 | 100.0000 |