



地址：上海市张江高科技园区爱迪生路326号 邮编：201203

销售热线：400-820-3059

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

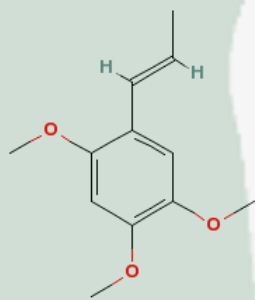
传真：86-21-51320502

QQ:800015916

MSN:Tauto\_shanghai@hotmail.com

URL: www.tautobiotech.com

Mail: sales2@tautobiotech.com export2@tautobiotech.com

|                |                                        |                                                                                                         |
|----------------|----------------------------------------|---------------------------------------------------------------------------------------------------------|
| PRODUCT ID     | E-0269                                 | <b>Structure</b><br> |
| PRODUCT        | $\alpha$ -asarone / $\alpha$ -细辛脑      |                                                                                                         |
| STANDARD TYPE  | Quantitative Reference Material (含量测定) |                                                                                                         |
| LOT NUMBER     | 14090541                               |                                                                                                         |
| ASSAY METHOD   | HPLC,MS,NMR                            |                                                                                                         |
| DATE OF SAMPLE | 2014-09-05                             |                                                                                                         |
| DATE OF REPORT | 2014-09-05                             |                                                                                                         |

CHEMICAL NAME

1,2,4-trimethoxy-5-[(E)-prop-1-enyl]benzene  
(Z)-2-methylbut-2-enoate

OTHER NAME

Asarone

CHEMICAL FORMULA

C<sub>12</sub>H<sub>16</sub>O<sub>3</sub>

MOLECULAR WEIGHT(MW)

208.25364

CAS NUMBER

2883-98-9

CHEMICAL FAMILY

Phenolics 酚类

FROM

天南星科植物石菖蒲 Acorus tatarinowii Schott

#### ANALYTICAL RESULT

| TEST             | METHOD         | SPECIFICATION    | RESULT   |
|------------------|----------------|------------------|----------|
| HPLC             | Q/TFFK254—2007 | NLT $\geq$ 98.0% | Conforms |
| NMR              |                | Conforms         | Conforms |
| MS               |                | Conforms         | Conforms |
| Residual Solvent | Q/TFFK254—2007 | NA               | ND       |
| Water            | Q/TFFK254—2007 | $\leq$ 2%        | Conforms |
| Appearance       |                | White Powder     | Conforms |

#### STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

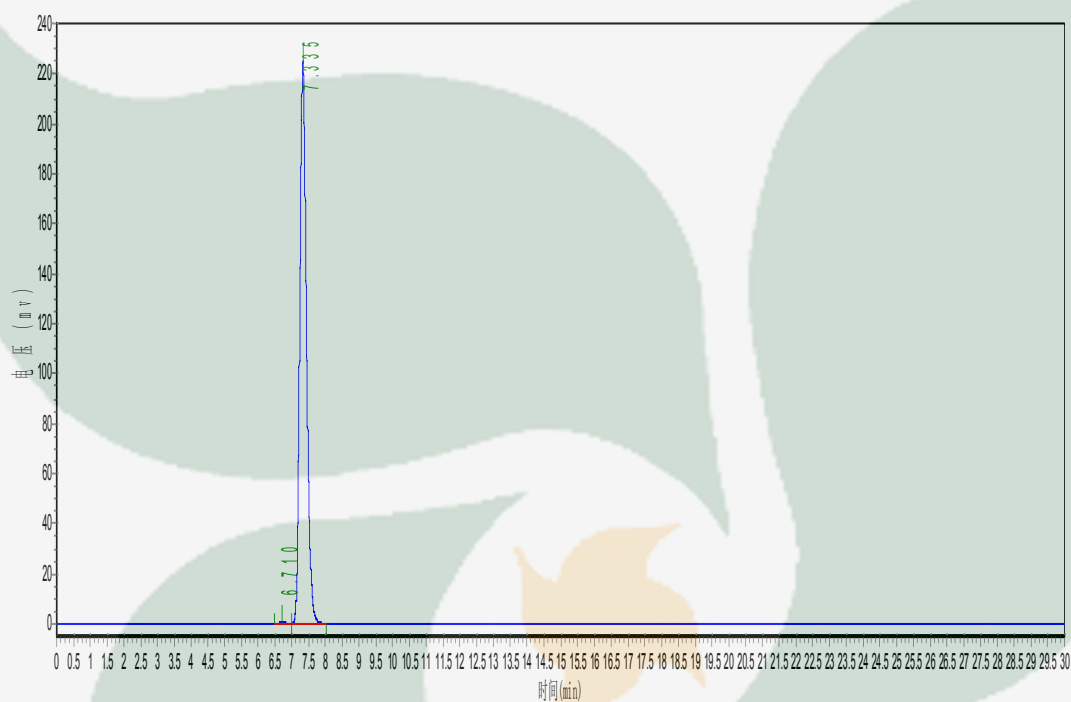
Checker

Manager

# Product Analysis Report

Product Name:  $\alpha$ -asarone  
Lot Number: 14090541  
Temperature: 25°C  
Detect Time: 2014-09-05  
Analyst: shuzhilin

Chrom-Column: C18  
Mobile Phase: MeOH:H2O=75:25  
Wavelength: 313nm  
Inject Vol: 20 $\mu$ L  
Flow: 1ml/min



| No. | Ret | Height<br>mAU | Area<br>mAU*min | Rel.Area<br>% |         |
|-----|-----|---------------|-----------------|---------------|---------|
| 1   |     | 6.710         | 479.672         | 5777.950      | 0.1865  |
| 2   |     | 7.335         | 224571.313      | 3091964.750   | 99.8135 |