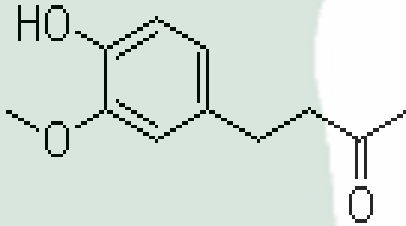


| | | |
|-----------------------|---------------------------------------|--|
| PRODUCT ID | E-2594 | Structure  |
| PRODUCT | zingerone/姜酮 | |
| STANDARD TYPE | Quantitative Reference Standard/ 含量测定 | |
| LOT NUMBER | 16112432 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2016-11-24 | |
| DATE OF REPORT | 2016-11-24 | |

CHEMICAL NAME 4-(4-Hydroxy-3-methoxyphenyl)butan-2-one

OTHER NAME Vanillylacetone

CHEMICAL FORMULA C₁₁H₁₄O₃

MOLECULAR WEIGHT(MW) 194.2271

CAS NUMBER 122-48-5

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|-------------------------|----------------|--------------------|----------|
| HPLC | Q/TFFK165—2007 | NLT ≥98.0% | Conforms |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK165—2007 | NA | ND |
| Water | Q/TFFK165—2007 | ≤2% | Conforms |
| Appearance | | Pale White Crystal | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

Analyst

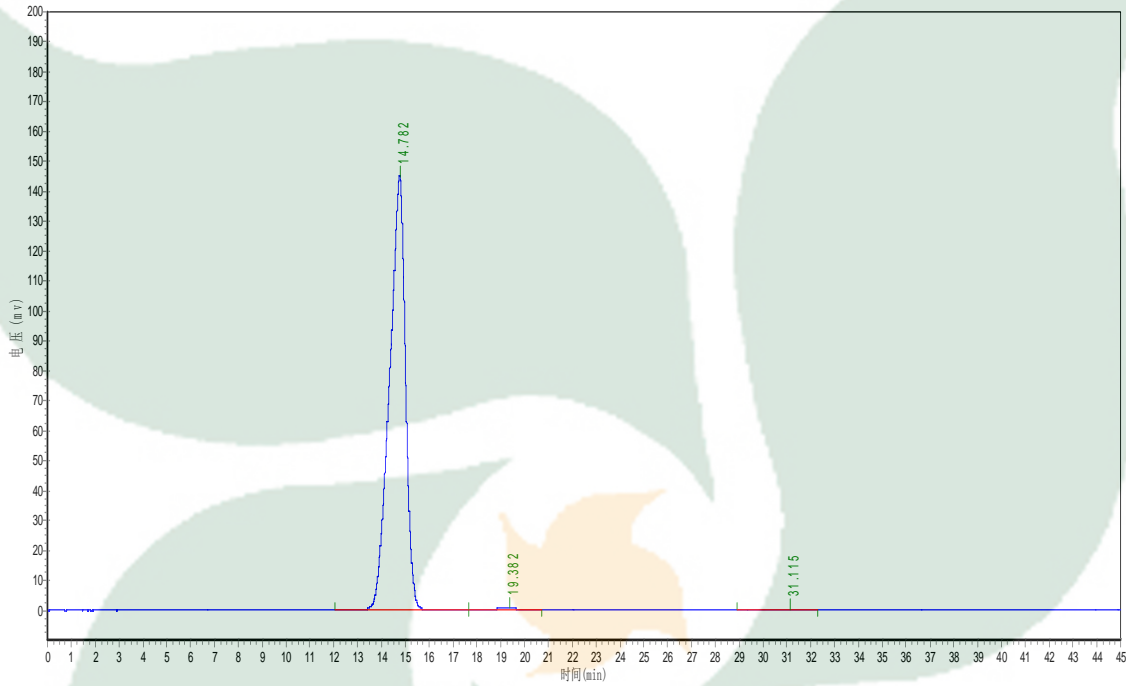
Checker

Manager

Product Analysis Report

Product Name: zingerone
Lot Number: 16112432
Temperature: 25°C
Detect Time: 2016-11-24
Analyst: zhufangfang

Chrom-Column: Arcus C18
Mobile Phase: MeOH:H2O=35:65
Wavelength: 280nm
Inject Vol: 20ul
Flow: 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 14.782 | 144925.875 | 6740010.500 | 99.2668 |
| 2 | 19.382 | 810.209 | 43431.898 | 0.6397 |
| 3 | 31.115 | 89.353 | 6351.100 | 0.0935 |