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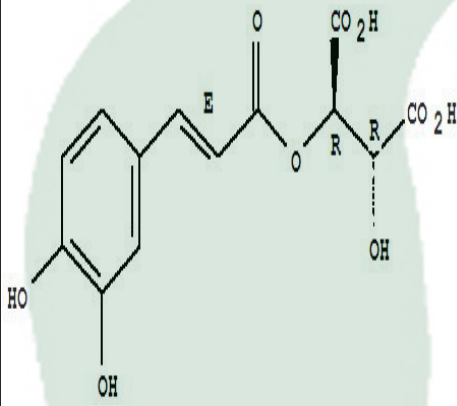
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|                |                                        |                                                                                                        |
|----------------|----------------------------------------|--------------------------------------------------------------------------------------------------------|
| PRODUCT ID     | E-1011                                 | <b>Structure</b><br> |
| PRODUCT        | Caftaric acid/咖啡酰酒石酸                   |                                                                                                        |
| STANDARD TYPE  | Quantitative Reference Material (含量测定) |                                                                                                        |
| LOT NUMBER     | 14101322                               |                                                                                                        |
| ASSAY METHOD   | HPLC,MS,NMR                            |                                                                                                        |
| DATE OF SAMPLE | 2014-10-13                             |                                                                                                        |
| DATE OF REPORT | 2014-10-13                             |                                                                                                        |

CHEMICAL NAME

OTHER NAME

CHEMICAL FORMULA

C<sub>13</sub>H<sub>12</sub>O<sub>9</sub>

MOLECULAR WEIGHT(MV

312.23

CAS NUMBER

67879-58-7

CHEMICAL FAMILY

FROM

ANALYTICAL RESULT

| TEST             | METHOD         | SPECIFICATION | RESULT   |
|------------------|----------------|---------------|----------|
| HPLC             | Q/TFFK199—2010 | NLT ≥98.0%    | Conforms |
| NMR              |                | Conforms      | Conforms |
| MS               |                | Conforms      | Conforms |
| Residual Solvent | Q/TFFK199—2010 | NA            | ND       |
| Water            | Q/TFFK199—2010 | ≤2%           | Conforms |
| Appearance       |                | White Powder  | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

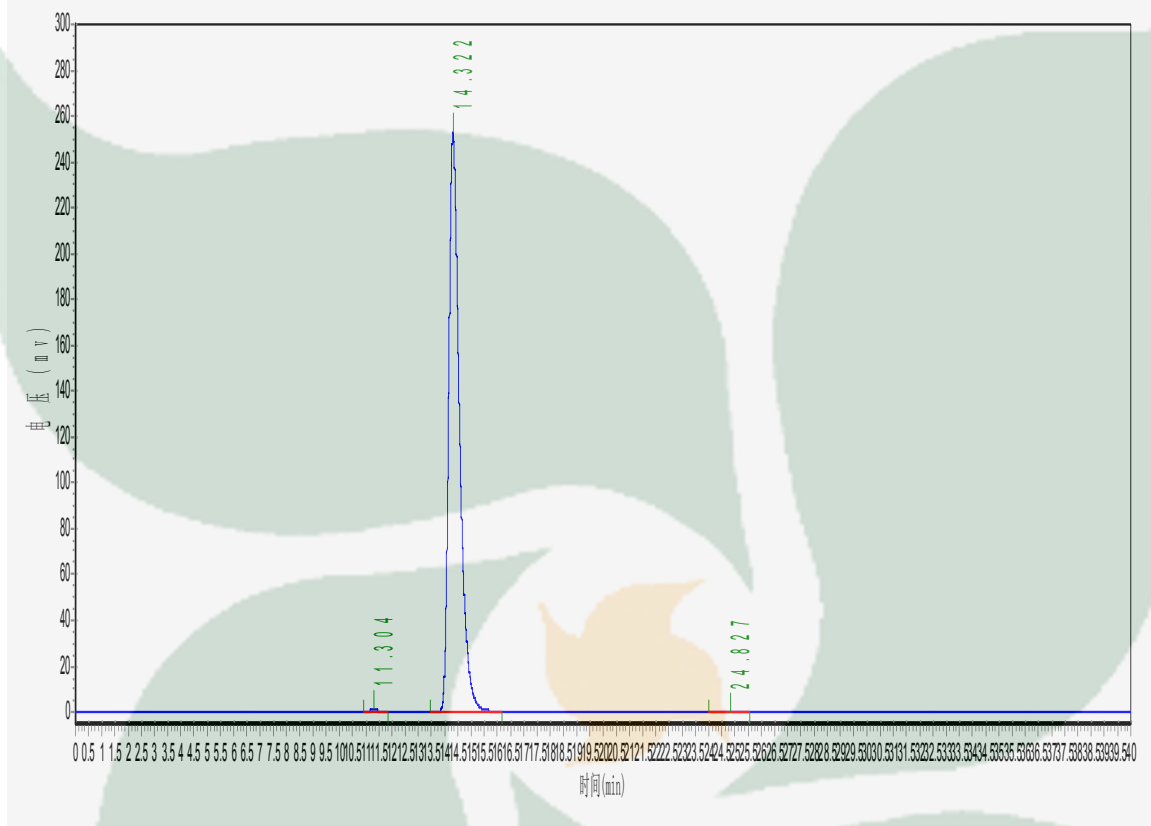
Analyst

Checker

Manager

# Product Analysis Report

Product Name: Caftaric acid      Chrom-Column: C18  
Lot Number: 14101322      Mobile Phase: ACN:0.1%H3PO4 (10:90)  
Temperature: 25°C      Wavelength: 327nm  
Detect Time: 2014-10-13      Inject Vol: 20μL  
Analyst: shuzhilin      Flow: 1ml/min



| No. | Ret.Time<br>min | Height<br>mAU | Area<br>mAU*min | Rel.Area<br>% |
|-----|-----------------|---------------|-----------------|---------------|
| 1   | 11.304          | 1014.248      | 22137.650       | 0.3101        |
| 2   | 14.322          | 252880.969    | 7109347.000     | 99.5979       |
| 3   | 24.827          | 187.872       | 6562.200        | 0.0919        |