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| | | |
|-----------------------|--------------------------------------|--|
| PRODUCT ID | E-0062 | Structure  |
| PRODUCT | Icariin/淫羊藿苷 | |
| STANDARD TYPE | Qualitative Reference Material/ 含量测定 | |
| LOT NUMBER | 18052121 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2018-05-21 | |
| DATE OF REPORT | 2018-05-21 | |

| | |
|-----------------------------|---|
| OTHER NAME | NA |
| CHEMICAL FORMULA | C ₃₃ H ₄₀ O ₁₅ |
| MOLECULAR WEIGHT(MW) | 676.662 |
| CAS NUMBER | 489-32-7 |
| CHEMICAL FAMILY | Flavonoids |

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|-------------------------|----------------|---------------|----------|
| HPLC | Q/TFFK675—2010 | NLT ≥98.0% | 98.2% |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK675—2010 | NA | ND |
| Water | Q/TFFK675—2010 | ≤2% | Conforms |
| Appearance | | White Powder | Conforms |

STORAGE CONDITIONS

| | |
|-------------------|--------------------|
| STORAGE | Refer to the label |
| SHELF LIFE | 2 Years |

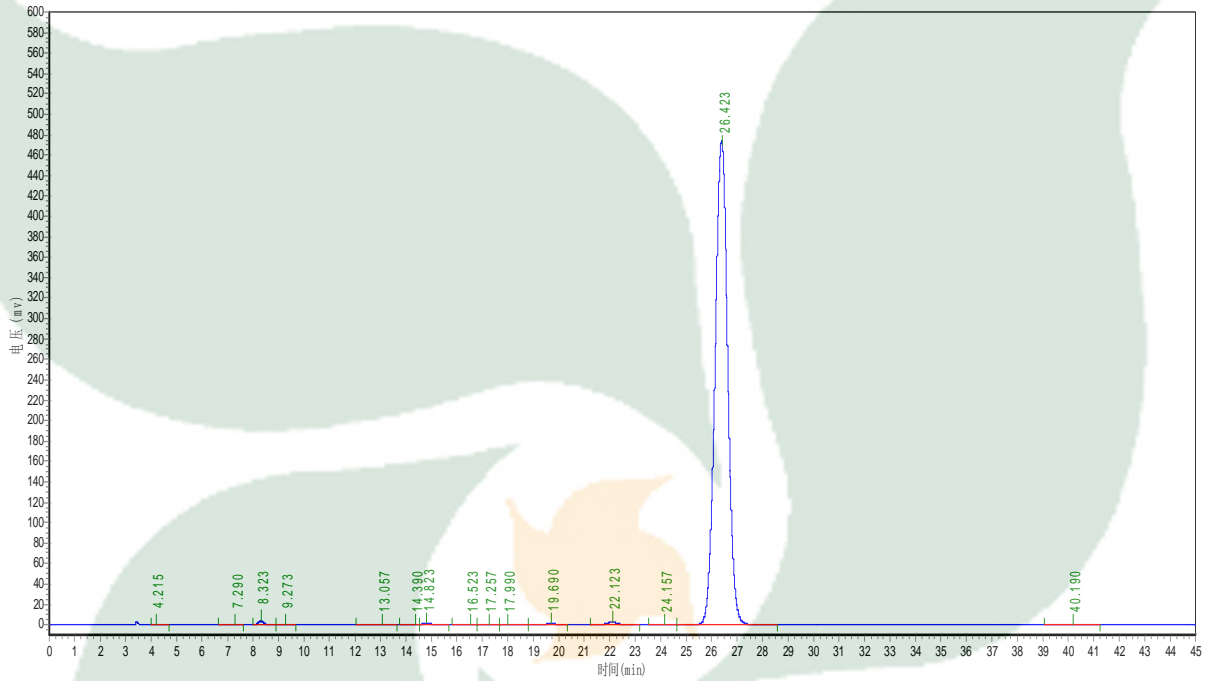
Analyst

Checker

Manager

Product Analysis Report

Product Name: Icariin **Chrom-Column** C18
Lot Number: 18052121 **Mobile Phase:** ACN:0.1%H3PO4=25:75
Detector: UV **Wavelength:** 270nm
Detect Time: 2018-05-21 **Inject Vol:** 20ul
Sample dissolution: ACN:0.1%H3PO4=25:75 **Flow:** 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 4.215 | 219.410 | 4349.000 | 0.0260 |
| 2 | 7.290 | 227.966 | 5750.200 | 0.0344 |
| 3 | 8.323 | 3671.800 | 55582.000 | 0.3328 |
| 4 | 9.273 | 550.941 | 8787.265 | 0.0526 |
| 5 | 13.057 | 213.000 | 4981.300 | 0.0298 |
| 6 | 14.390 | 553.448 | 11014.986 | 0.0660 |
| 7 | 14.823 | 1648.966 | 38877.613 | 0.2328 |
| 8 | 16.523 | 142.178 | 3326.200 | 0.0199 |
| 9 | 17.257 | 667.356 | 17306.678 | 0.1036 |
| 10 | 17.990 | 313.533 | 8683.922 | 0.0520 |
| 11 | 19.690 | 1191.114 | 33948.523 | 0.2033 |
| 12 | 22.123 | 2440.606 | 76577.914 | 0.4586 |
| 13 | 24.157 | 219.375 | 7339.436 | 0.0439 |
| 14 | 26.423 | 472491.938 | 16403368.000 | 98.2261 |
| 15 | 40.190 | 397.000 | 19717.625 | 0.1181 |