



同田生物
TAUTO BIOTECH

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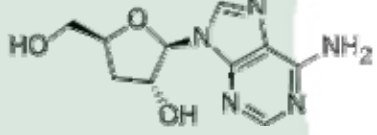
86-21-51320588-8008/8035/8026/8025

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| | | |
|-----------------------|---------------------------------------|---|
| PRODUCT ID | E-0414 | Structure  |
| PRODUCT | Cordycepin/虫草素 | |
| STANDARD TYPE | Quantitative Reference Standard/ 含量测定 | |
| LOT NUMBER | 18070341 | |
| ASSAY METHOD | HPLC,MS,NMR | |
| DATE OF SAMPLE | 2018-07-03 | |
| DATE OF REPORT | 2018-07-03 | |

OTHER NAME Cordycepine

CHEMICAL FORMULA C₁₀H₁₃N₅O₃

MOLECULAR WEIGHT(MW) 251.24192

CAS NUMBER 73-03-0

CHEMICAL FAMILY Alkaloids

ANALYTICAL RESULT

| TEST | METHOD | SPECIFICATION | RESULT |
|------------------|----------------|---------------|----------|
| HPLC | Q/TFFK208—2007 | NLT ≥98.0% | 99.6% |
| NMR | | Conforms | Conforms |
| MS | | Conforms | Conforms |
| Residual Solvent | Q/TFFK208—2007 | NA | ND |
| Water | Q/TFFK208—2007 | ≤2% | Conforms |
| Appearance | | White Powder | Conforms |

STORAGE CONDITIONS

STORAGE

Refer to the label

SHELF LIFE

2 Years

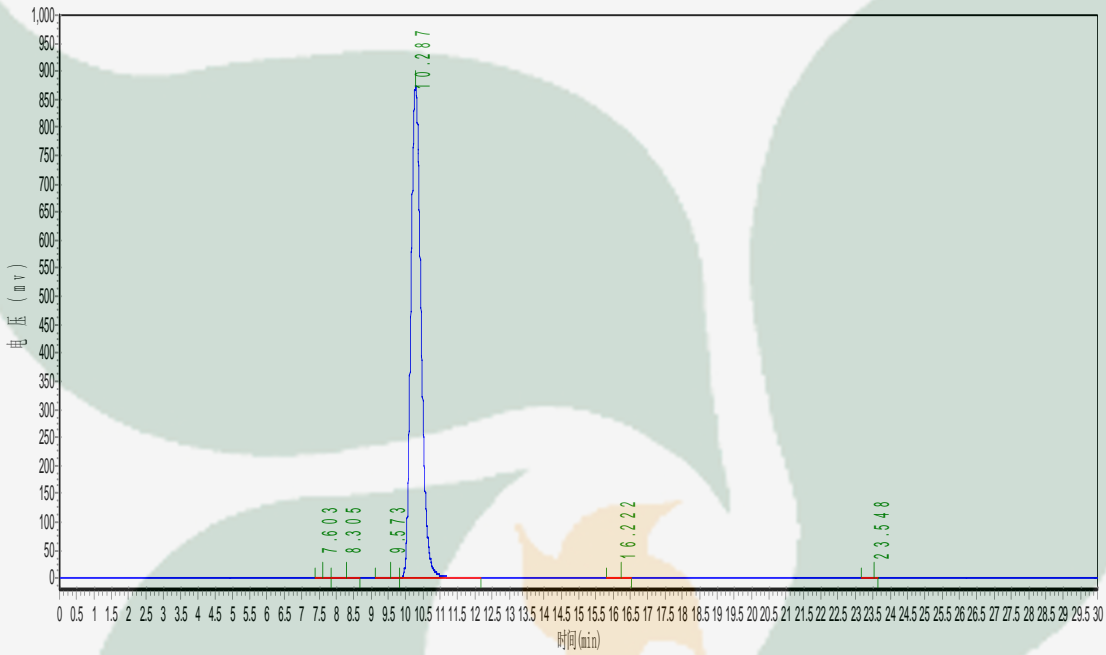
Analyst

Checker

Manager

Product Analysis Report

Product Name: Cordycepin Chrom-Column: C18
Lot Number: 18070341 Mobile Phase: MeOH:H2O=20:80
Detector: UV Wavelength: 260nm
Detect Time: 2018-07-03 Inject Vol: 20ul
Sample: 80%MeOH Flow: 1.0ml/min



| No. | Ret.Time min | Height mAU | Area mAU*min | Rel.Area % |
|-----|-----------------|---------------|-----------------|---------------|
| 1 | 7.603 | 473.000 | 6670.300 | 0.0372 |
| 2 | 8.305 | 1788.000 | 34762.199 | 0.1940 |
| 3 | 9.573 | 815.071 | 13946.343 | 0.0778 |
| 4 | 10.287 | 874895.125 | 17854766.000 | 99.6324 |
| 5 | 16.222 | 235.556 | 4228.700 | 0.0236 |
| 6 | 23.548 | 378.280 | 6260.023 | 0.0349 |