

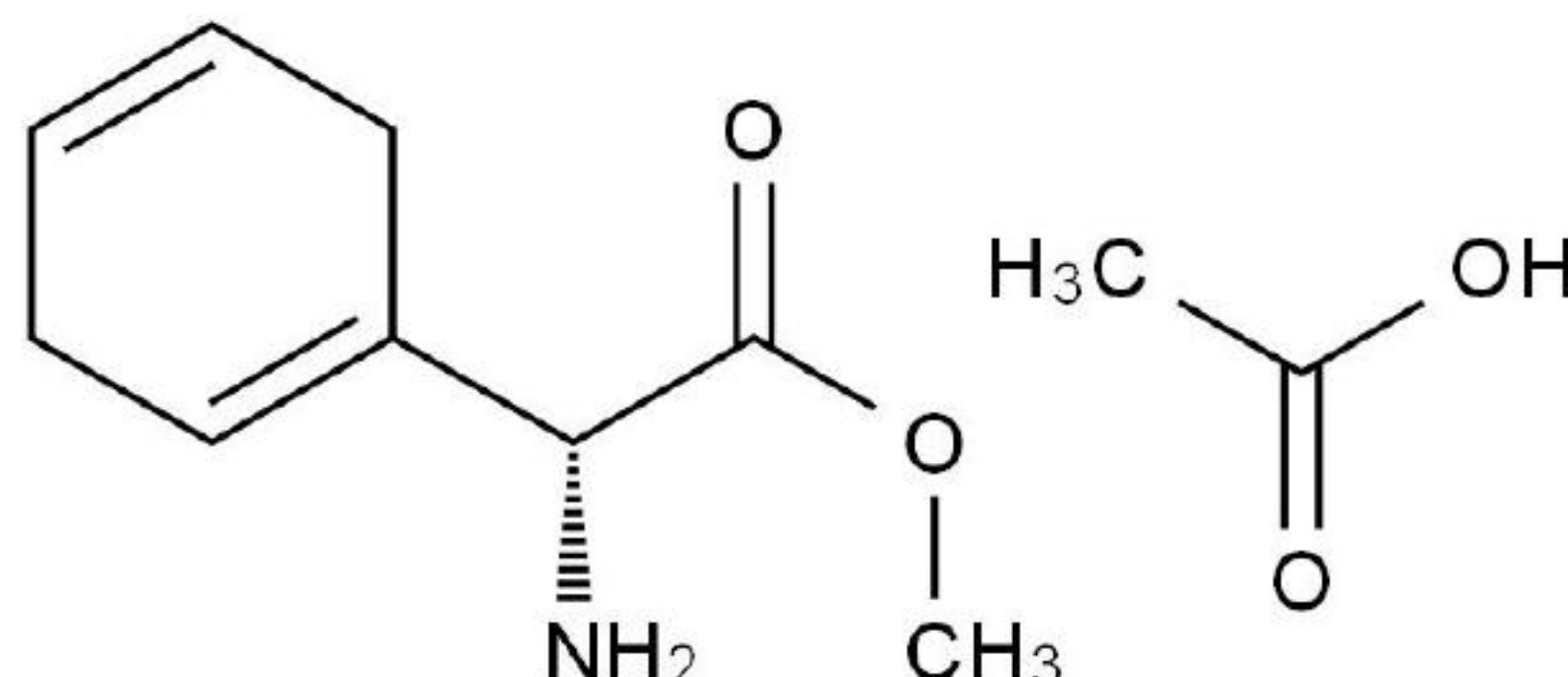
# Certificate of Analysis

## Reference Material

Product Name: Cefradine Impurity 18

Chemical Name:

Chemical Structure:



|                    |                                                 |                   |              |
|--------------------|-------------------------------------------------|-------------------|--------------|
| CAS Number:        | N/A                                             | Catalogue Number: | C4X-121518   |
| Molecular Formula: | C <sub>11</sub> H <sub>17</sub> NO <sub>4</sub> | Lot Number:       | 0125-RC-0021 |
| Molecular Weight:  | 227.26                                          |                   |              |
| Storage:           | -20±2°C dark and sealed                         |                   |              |
| Appearance:        | White to off-white solid                        |                   |              |

| Test Description | Specifications | Results  |
|------------------|----------------|----------|
| Identification:  | MS&NMR         | Conforms |
| Purity:          | HPLC           | 92.7%    |
| Uncertainty:     |                | ±2.0%    |

## Warning:

Analysed Date: Jan/26/2021

ExpiryDate: Jan/25/2024

Approved by: