

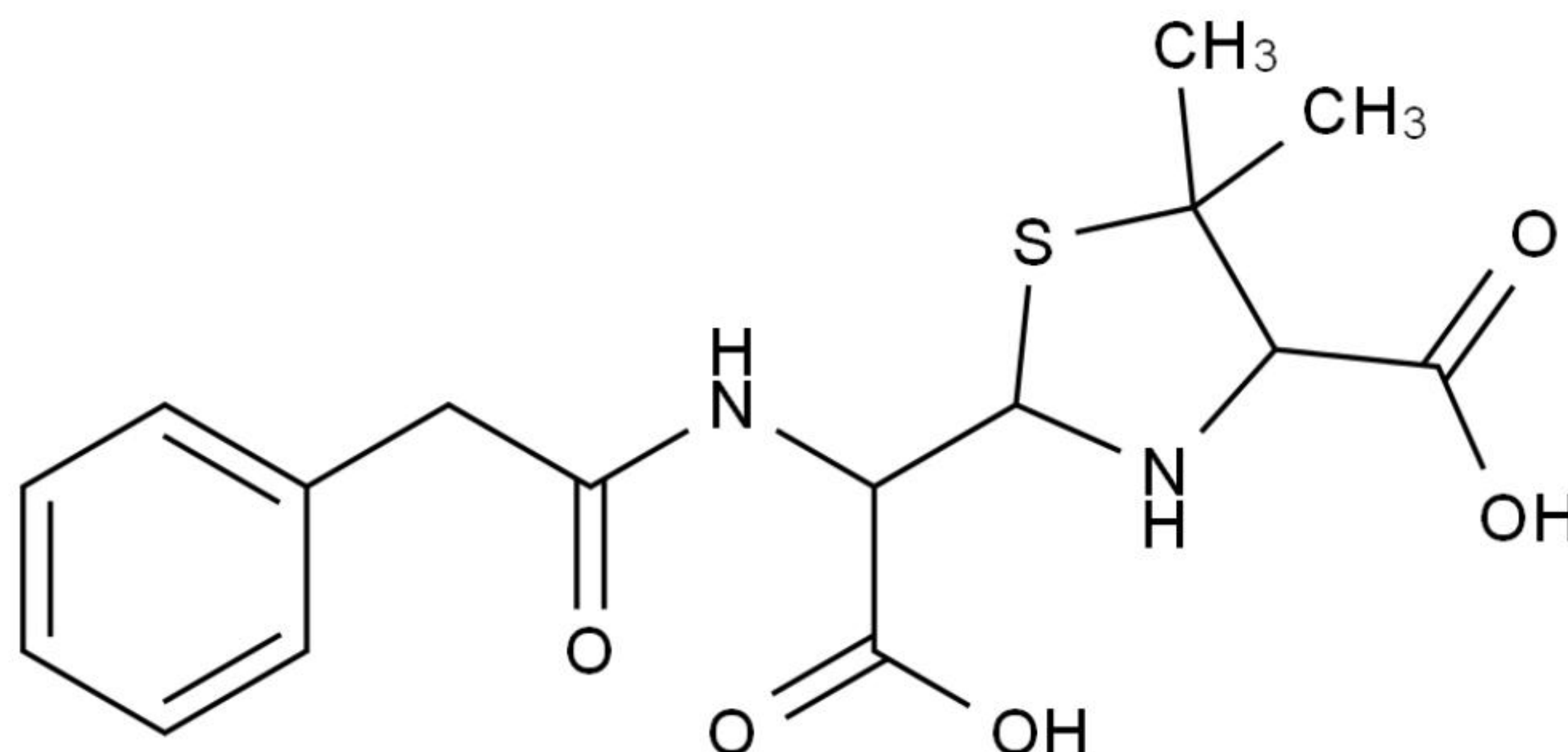
# Certificate of Analysis

## Reference Material

**Product Name:** Benzylpenicillin Impurity 21(Mixture of Diastereomers)

**Chemical Name:**

**Chemical Structure:**



**CAS Number:** 13057-98-2

**Catalogue Number:** C4X-189921

**Molecular Formula:** C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>5</sub>S

**Lot Number:** 0407-RD-0070

**Molecular Weight:** 352.41

**Report Number:** 202204020063

**Storage:** 2°C ~ 8°C Protected from light and Sealed

**Appearance:** White Powder

| Test Description | Specifications | Results |
|------------------|----------------|---------|
| Identification:  | LCMS&HNMR      | Confirm |
| Purity:          | HPLC           | 100.0%  |

## Warning:

**Analysed Date:** Apr/13/2022

**Expiry Date:** Apr/12/2025

**Approved by:**

*David*