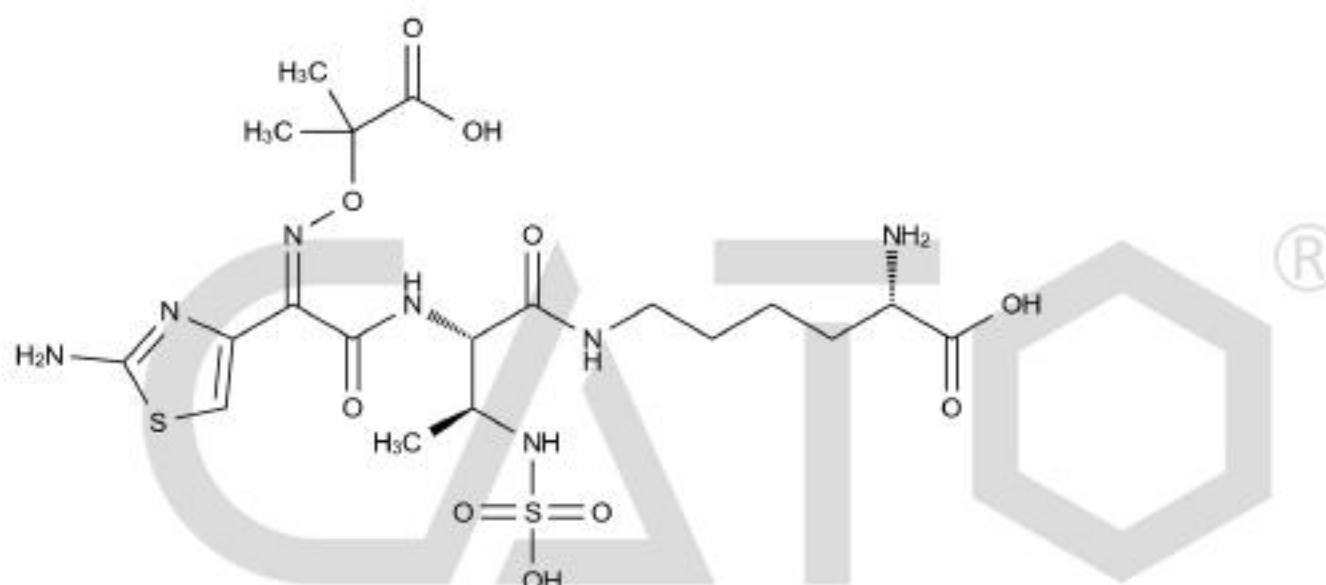


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                               |                          |                                             |
|---------------------------|-------------------------------------------------------------------------------|--------------------------|---------------------------------------------|
| <b>Product Name:</b>      | Open-ring Aztreonam Lysine Impurity 40                                        | <b>Catalogue Number:</b> | C4X-152240                                  |
| <b>Synonyms:</b>          | N/A                                                                           | <b>Lot Number:</b>       | 1031-SA-7329                                |
| <b>CAS Number:</b>        | N/A                                                                           | <b>Expiry Date:</b>      | Oct 30, 28                                  |
| <b>Molecular Formula:</b> | C <sub>19</sub> H <sub>31</sub> N <sub>7</sub> O <sub>10</sub> S <sub>2</sub> | <b>Storage:</b>          | -20°C ± 5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 581.62                                                                        |                          |                                             |

## Chemical Structure:



## Test Items

Appearance

Identification:

Purity:

## Method

Visual inspection

LC&HNMR

HPLC

## Results

Solid

Confirmed

97.952%

Signature:

Prepared by:

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Reviewed by:

*Yuki*

Approved by General Manager:

*David*

Date: Oct 31, 24

Date: Oct 31, 24

Date: Oct 31, 24

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## Directions:

- 1. Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
- 2. Minimum sample size: 1mg is recommended as the minimum sample size.*
- 3. Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
- 4. Instructions for handling and correct use: Handling in a well-ventilated place.*

## Document Version:

| Revision No. | Date       | Reason for Revision |
|--------------|------------|---------------------|
| 01           | Oct 31, 24 | First release.      |

