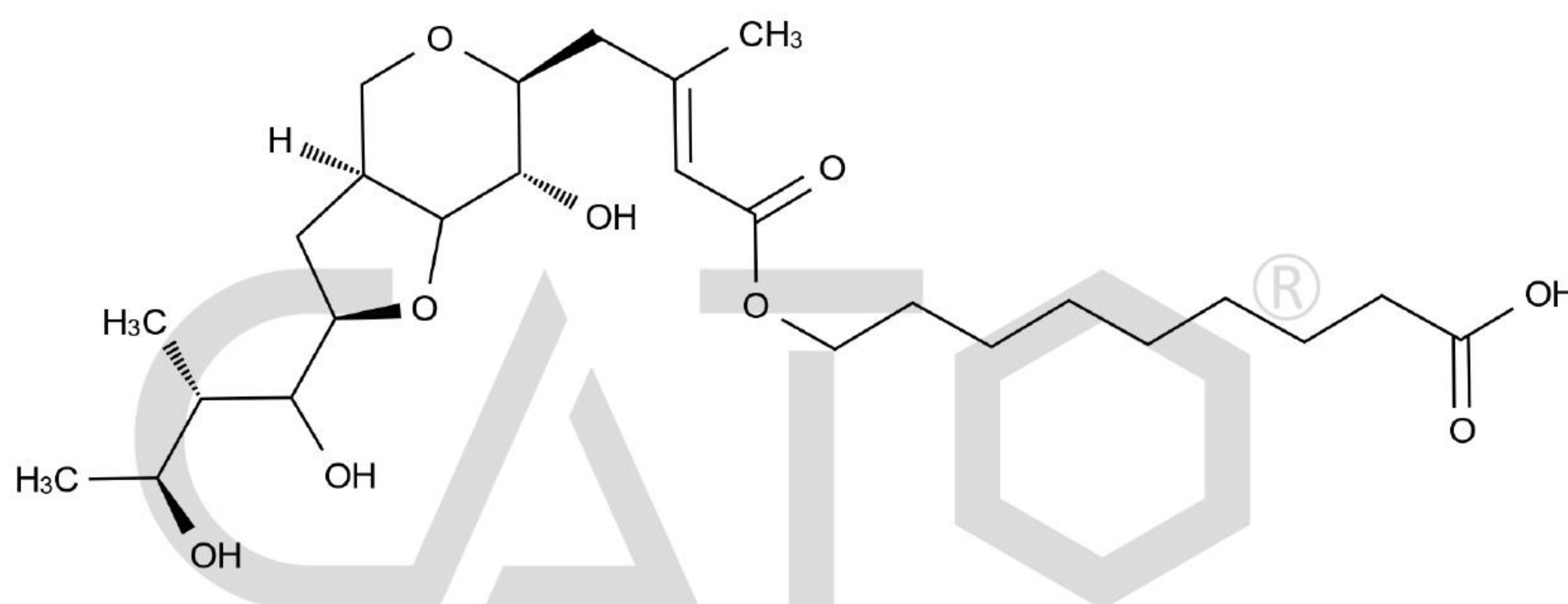


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                |                     |                                           |
|--------------------|------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Mupirocin EP Impurity D                        | Catalogue Number:   | C4X-17069                                 |
| Synonyms:          | N/A                                            | Lot Number:         | 1031-RG-0051                              |
| CAS Number:        | 71087-97-3                                     | Expiry Date:        | Oct 30, 2027                              |
| Molecular Formula: | C <sub>26</sub> H <sub>44</sub> O <sub>9</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 500.62                                         | Shipping Condition: | Shipping with Ice Packs                   |

Chemical Structure:



| Test Items          | Method               | Results            |
|---------------------|----------------------|--------------------|
| Appearance          | Visual inspection    | White Sticky Solid |
| Identification      | LCMS&IR&UV&CNMR&HNMR | Confirmed          |
| Purity              | HPLC                 | 98.595%            |
| Residue on Ignition | TGA                  | 0.0089%            |
| Loss on Drying      | TGA                  | 1.0445%            |
| Assay               |                      | 97.6%              |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss on Drying) \* Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jul 06, 2026

Date: Jul 06, 2026

Date: Jul 06, 2026



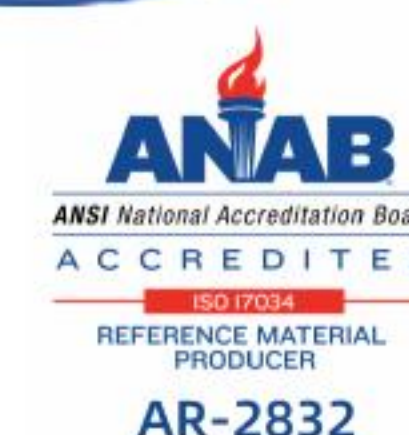
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Page 1 of 10



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