

# Certificate of Analysis

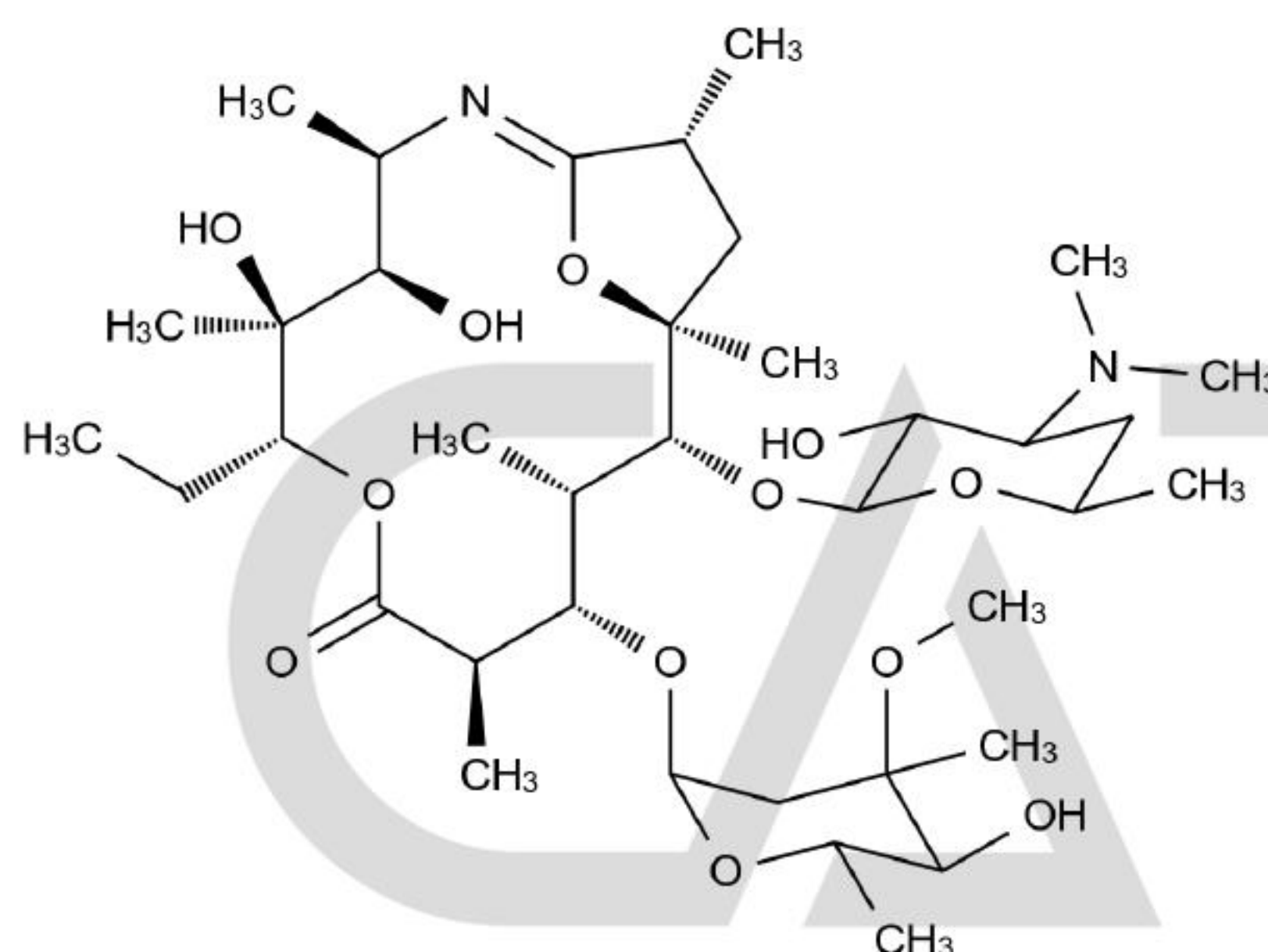
## Reference Material & Standard

|                    |                                                                |                     |                                           |
|--------------------|----------------------------------------------------------------|---------------------|-------------------------------------------|
| Product Name:      | Azithromycin CP Impurity Q                                     | Catalogue Number:   | C4X-100316                                |
| Synonyms:          | N/A                                                            | Lot Number:         | 1028-RG-0053                              |
| CAS Number:        | 99290-97-8                                                     | Expiry Date:        | Oct 27, 2029                              |
| Molecular Formula: | C <sub>37</sub> H <sub>66</sub> N <sub>2</sub> O <sub>12</sub> | Storage:            | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 730.93                                                         | Shipping Condition: | Shipping with Ice Packs                   |

Warning:



Chemical Structure:



| Test Items          | Method            | Results     |
|---------------------|-------------------|-------------|
| Appearance          | Visual inspection | White Solid |
| Identification      | LCMS&CNMR&HNMR    | Confirmed   |
| Purity              | HPLC              | 95.06%      |
| Residue on Ignition | TGA               | 0.5087%     |
| Loss on Drying      | TGA               | 4.6374%     |
| Assay               |                   | 90.2%       |

## 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: Dec 22, 2025

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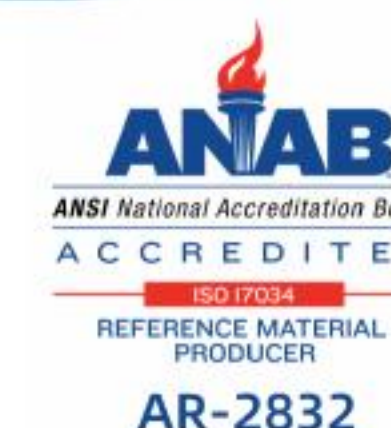
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