

# Certificate of Analysis

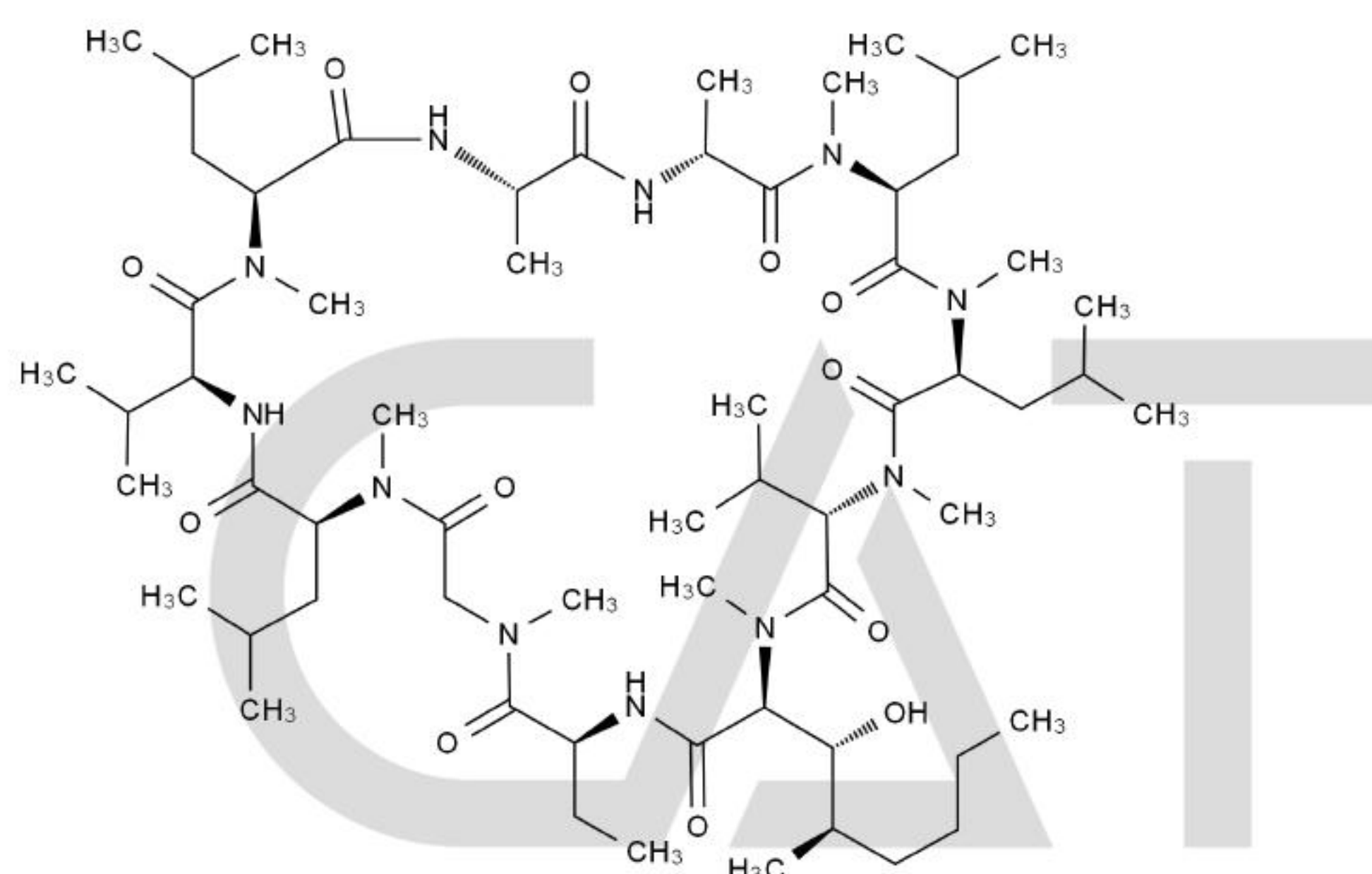
## Reference Material & Standard

|                           |                                                                  |                            |                                           |
|---------------------------|------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Ciclosporin EP Impurity B                                        | <b>Catalogue Number:</b>   | C4X-19988                                 |
| <b>Synonyms:</b>          | Cyclosporin A Dihydro Impurity                                   | <b>Lot Number:</b>         | 0227-RH-0119                              |
| <b>CAS Number:</b>        | 59865-15-5                                                       | <b>Expiry Date:</b>        | Mar 04, 2030                              |
| <b>Molecular Formula:</b> | C <sub>62</sub> H <sub>113</sub> N <sub>11</sub> O <sub>12</sub> | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 1204.63                                                          | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.449%     |
| Loss on Drying | TGA               | 0.2709%     |
| Assay          |                   | 99.2%       |

## Comment:

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

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

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

**Signature:**

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Mar 05, 2026

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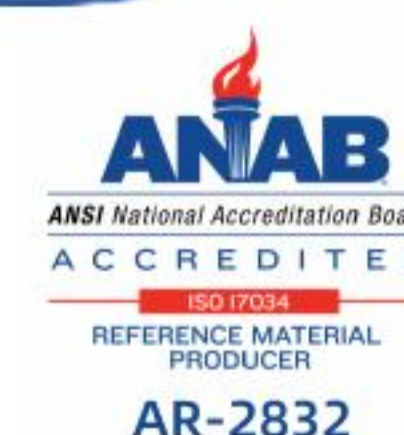
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