

# Certificate of Analysis

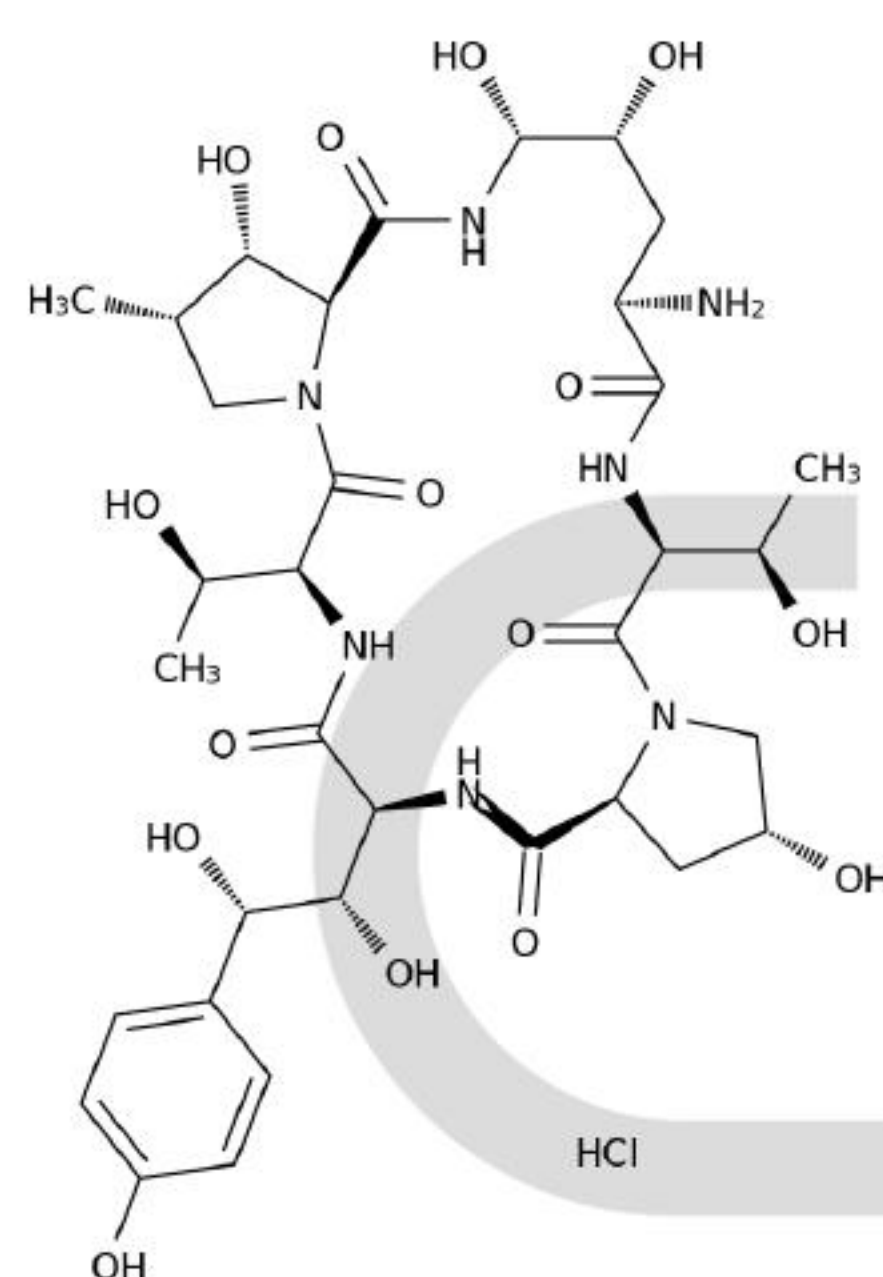
## Reference Material & Standard

|                    |                                                                    |                   |                                           |
|--------------------|--------------------------------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Echinocandin Impurity 2                                            | Catalogue Number: | C4X-24132                                 |
| Synonyms:          | N/A                                                                | Lot Number:       | 0513-RC-0031                              |
| CAS Number:        | 1029890-89-8                                                       | Expiry Date:      | Jan 22, 2023                              |
| Molecular Formula: | C <sub>34</sub> H <sub>51</sub> N <sub>7</sub> O <sub>15</sub> HCl | Storage:          | -20°C±5°C Protected from light and Sealed |
| Molecular Weight:  | 797.81 36.46                                                       |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results                  |
|----------------|-------------------|--------------------------|
| Appearance     | Visual inspection | White to Off-White Solid |
| Identification | LCMS&HNMR         | Confirmed                |
| Purity         | HPLC              | 98.94%                   |
| Loss on Drying | TGA               | 1.7%                     |
| Assay          |                   | 97.3%                    |

## 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:

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Approved by General Manager:

*David*

Date: May 13, 2021

Date: May 14, 2021

Date: May 14, 2021



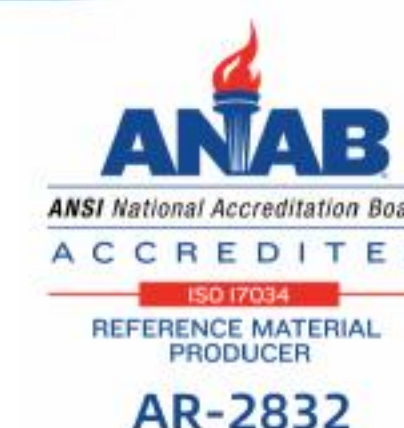
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