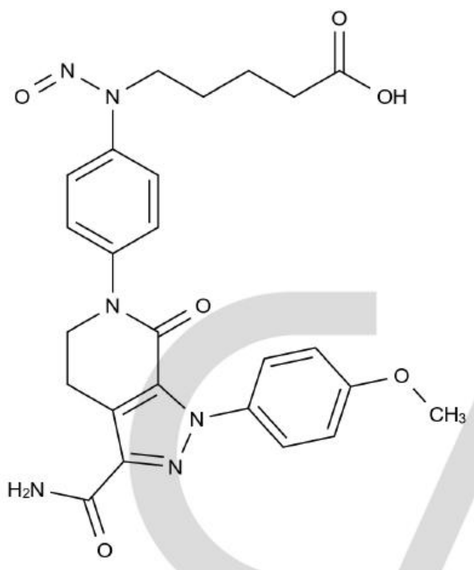
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Apixaban Impurity 132 | **Catalogue Number:** | C4X-1088132 |
| **Synonyms:** | N/A | **Lot Number:** | 1107-RF-0055 |
| **CAS Number:** | 3094994-84-7 | **Expiry Date:** | Nov 10, 2027 |
| **Molecular Formula:** | $C_{25}H_{26}N_6O_6$ | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 506.51 | **Shipping Condition:** | Shipping at Room Temperature |

**Chemical Structure:**



| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Yellow Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 98.057% |
| **Loss on Drying** | TGA | 1.9477% |
| **Assay** | | 96.1% |

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## 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: Alice Date: Nov 11, 2024

Reviewed by: Koi Date: Nov 11, 2024

Approved by General Manager: David Date: Nov 11, 2024

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