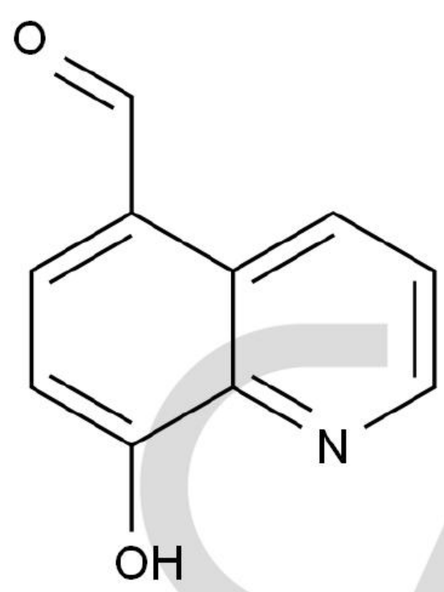
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Indacaterol Impurity 22 | **Catalogue Number:** | C4X-150022 |
| **Synonyms:** | N/A | **Lot Number:** | 1226-RD-0055 |
| **CAS Number:** | 2598-30-3 | **Expiry Date:** | Dec 26, 2025 |
| **Molecular Formula:** | C10H7NO2 | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 173.17 | **Warning:** |  |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | Green Solid |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 97.531% |
| **Loss On Drying** | TGA | 0.1482% |
| **Assay** | | 97.4% |

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## Comment:

*The calculation of the 100% 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: Mar 22, 2024

Reviewed by: Koi Date: Mar 22, 2024

Aporoved by General Manager: David Date: Mar 22, 2024

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