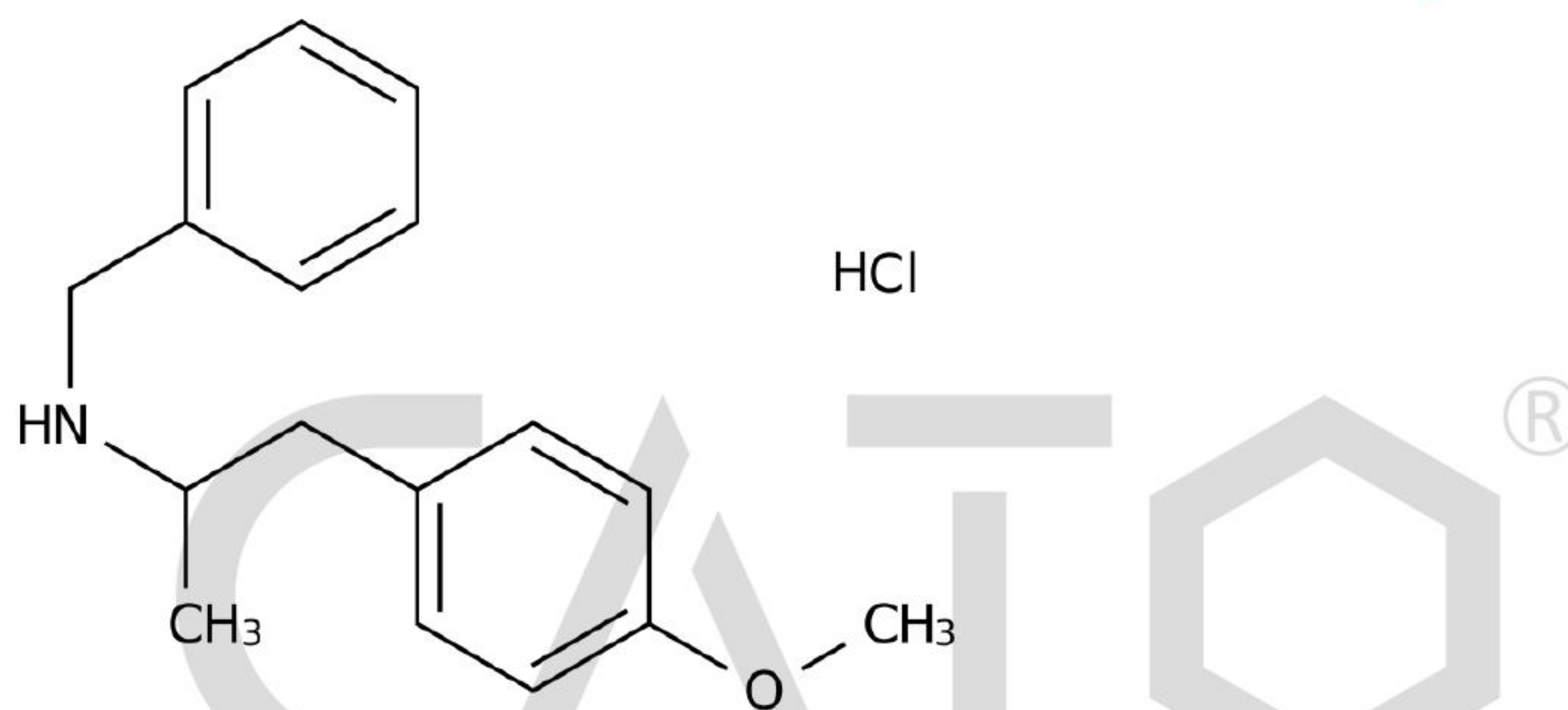


# Certificate of Analysis

## Reference Material & Standard

|                    |                                        |                   |                                                                                     |
|--------------------|----------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Formoterol Impurity 22 HCl             | Catalogue Number: | C4X-152522                                                                          |
| Synonyms:          | N/A                                    | Lot Number:       | 0821-RF-0031                                                                        |
| CAS Number:        | 1049695-95-5                           | Expiry Date:      | Aug 25, 2027                                                                        |
| Molecular Formula: | C <sub>17</sub> H <sub>21</sub> NO HCl | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 255.35 36.46                           | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 98.5%       |
| Assay          | qNMR              | 97.5%       |

## Comment:

Assay was determined by quantitative <sup>1</sup>H-NMR.

Signature:

Prepared by:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Aug 26, 2024

Date: Aug 26, 2024

Date: Aug 26, 2024

