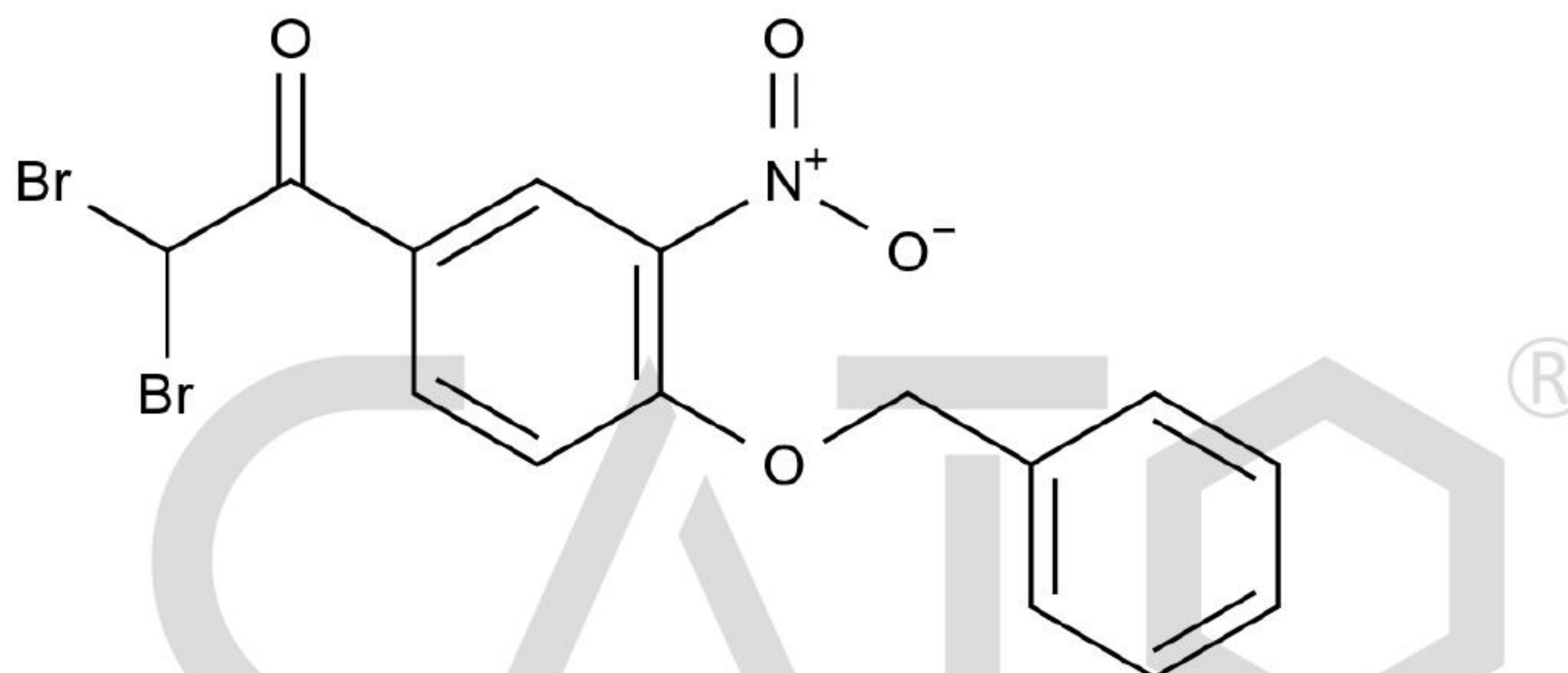


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                                 |                            |                                           |
|---------------------------|-----------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Formoterol Impurity 86                                          | <b>Catalogue Number:</b>   | C4X-152586                                |
| <b>Synonyms:</b>          | N/A                                                             | <b>Lot Number:</b>         | 1223-RG-0017                              |
| <b>CAS Number:</b>        | N/A                                                             | <b>Expiry Date:</b>        | Dec 19, 2029                              |
| <b>Molecular Formula:</b> | C <sub>15</sub> H <sub>11</sub> Br <sub>2</sub> NO <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 429.06                                                          | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&CNMR&HNMR    | Confirmed          |
| Purity         | HPLC              | 98.2987%           |
| Loss On Drying | TGA               | 0.042%             |
| Assay          |                   | 98.3%              |

## 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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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Dec 24, 2025

Date: Dec 24, 2025

Date: Dec 24, 2025



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