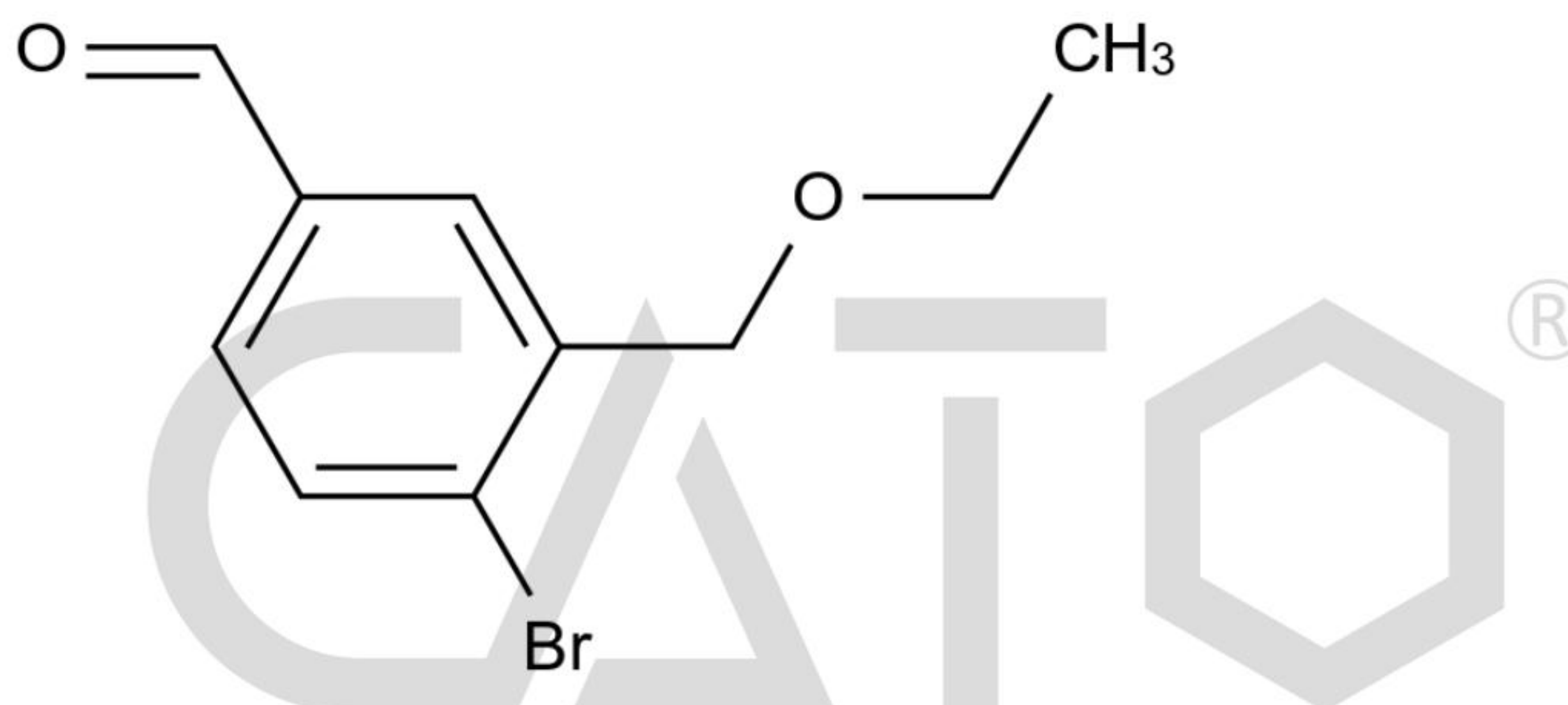


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                  |                            |                                                                                      |
|---------------------------|--------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | 4-Bromo-3-(ethoxymethyl)benzaldehyde             | <b>Catalogue Number:</b>   | C1715391                                                                             |
| <b>Synonyms:</b>          | N/A                                              | <b>Lot Number:</b>         | 0604-RH-0044                                                                         |
| <b>CAS Number:</b>        | 837408-71-6                                      | <b>Expiry Date:</b>        | Jun 08, 2030                                                                         |
| <b>Molecular Formula:</b> | C <sub>10</sub> H <sub>11</sub> BrO <sub>2</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed                                            |
| <b>Molecular Weight:</b>  | 243.10                                           | <b>Shipping Condition:</b> | Shipping at Room Temperature                                                         |
| <b>Solubility:</b>        | Acetonitrile                                     | <b>Warning:</b>            |  |

Chemical Structure:



| Test Items     | Method            | Results           |
|----------------|-------------------|-------------------|
| Appearance     | Visual inspection | Colourless Liquid |
| Identification | GCMS&HNMR         | Confirmed         |
| Purity         | HPLC              | 98.851%           |
| Loss on Drying | TGA               | 1.5369%           |
| 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:

Prepared by:

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Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Jun 09, 2026

Date: Jun 09, 2026

Date: Jun 09, 2026



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