

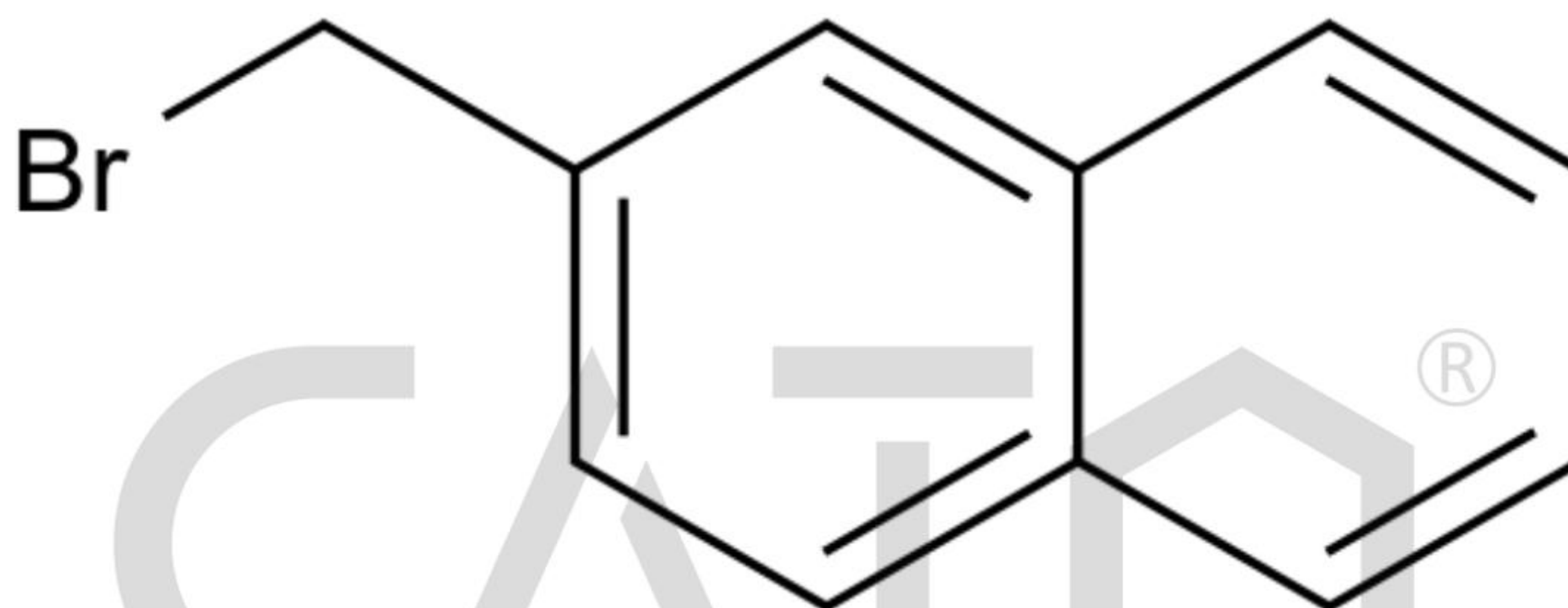
# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | 2-(Bromomethyl)naphthalene        | Catalogue Number: | C1929107                                  |
| Synonyms:          | N/A                               | Lot Number:       | 0513-RG-0053                              |
| CAS Number:        | 939-26-4                          | Expiry Date:      | May 18, 2029                              |
| Molecular Formula: | C <sub>11</sub> H <sub>9</sub> Br | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 221.09                            | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 98.628%            |
| Loss On Drying | TGA               | 0.4925%            |
| Assay          |                   | 98.1%              |

## Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

Prepared by:

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Approved by General Manager:

*David*

Date: May 19, 2025

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