

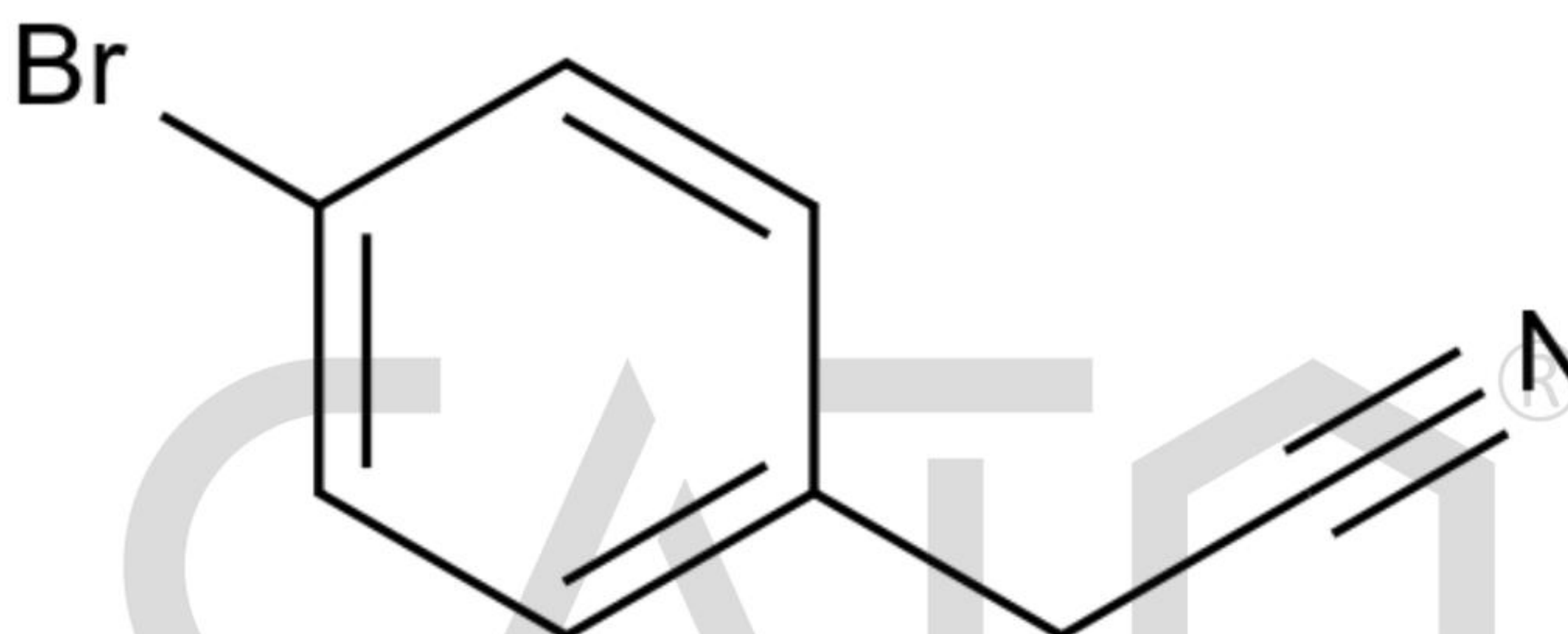
# Certificate of Analysis

## Reference Material & Standard

|                    |                                   |                   |                                           |
|--------------------|-----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | 4-Bromobenzyl Cyanide             | Catalogue Number: | C1360887                                  |
| Synonyms:          | N/A                               | Lot Number:       | 0527-RG-0017                              |
| CAS Number:        | 16532-79-9                        | Expiry Date:      | Jun 02, 2028                              |
| Molecular Formula: | C <sub>8</sub> H <sub>6</sub> BrN | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 196.04                            | Warning:          |                                           |



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | GCMS&IR&UV&HNMR   | Confirmed   |
| Purity         | HPLC              | 100.000%    |
| Water Content  | Karl Fischer      | 0.4474%     |
| Assay          |                   | 99.6%       |

## Comment:

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

Assay (%) = (100%-Water Content) \* Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

## Signature:

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Approved by General Manager:

*David*

Date: Jun 03, 2025

Date: Jun 03, 2025

Date: Jun 03, 2025

