

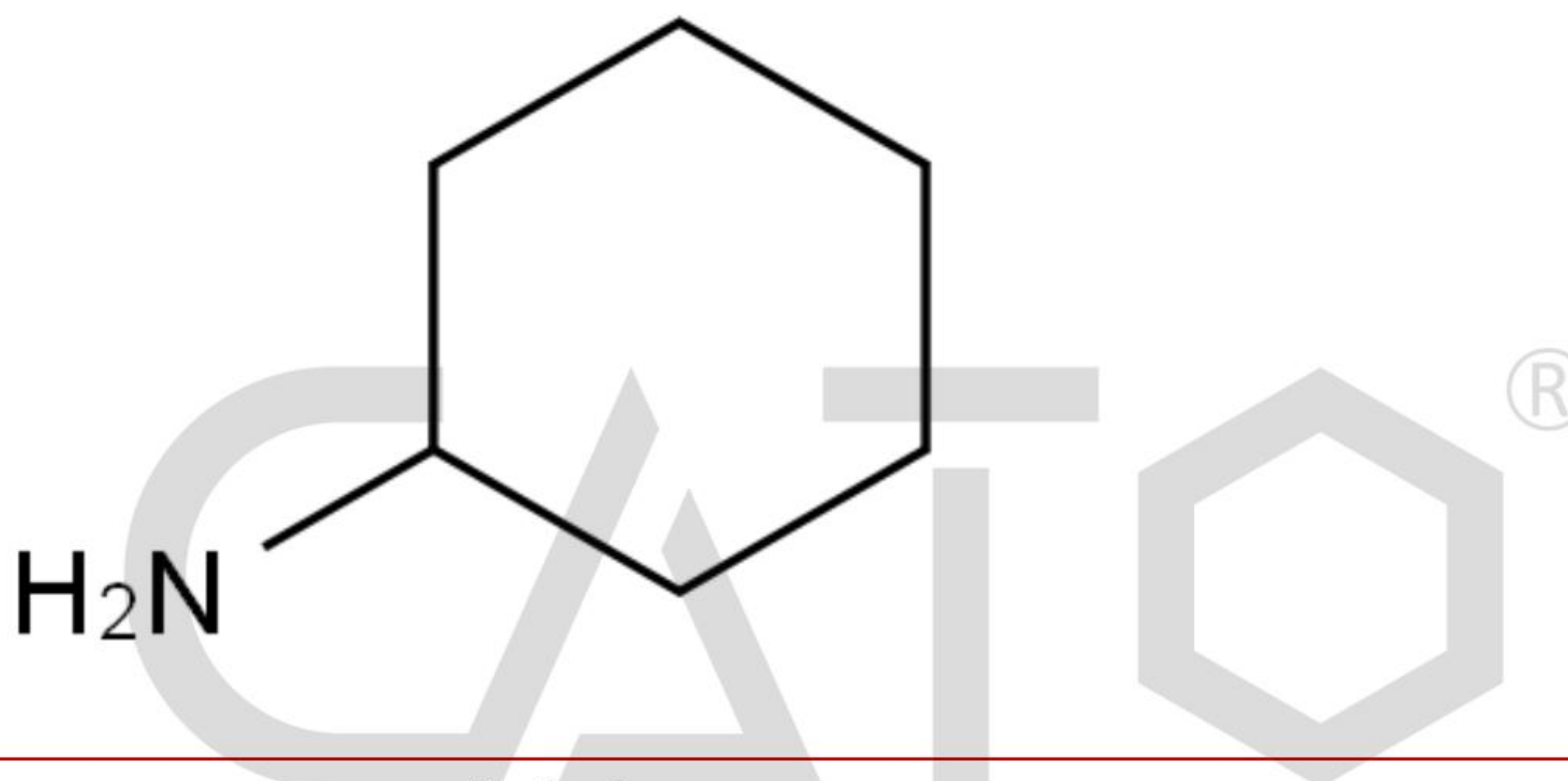
# Certificate of Analysis

## Reference Material & Standard

|                    |                                  |                   |                                           |
|--------------------|----------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Glipizide EP Impurity B          | Catalogue Number: | C4X-14072                                 |
| Synonyms:          | N/A                              | Lot Number:       | 0303-RE-0047                              |
| CAS Number:        | 108-91-8                         | Expiry Date:      | May 14, 2028                              |
| Molecular Formula: | C <sub>6</sub> H <sub>13</sub> N | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 99.17                            | Warning:          |                                           |



## Chemical Structure:



| Test Items     | Method               | Results           |
|----------------|----------------------|-------------------|
| Appearance     | Visual inspection    | Colourless Liquid |
| Identification | GCMS&IR&UV&CNMR&HNMR | Confirmed         |
| Purity         | GC                   | 100.000%          |
| Water Content  | Karl Fischer         | 0.1665%           |
| Assay          |                      | 99.8%             |

## Comment:

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

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

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

## Signature:

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Date: May 15, 2025

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