

# Certificate of Analysis

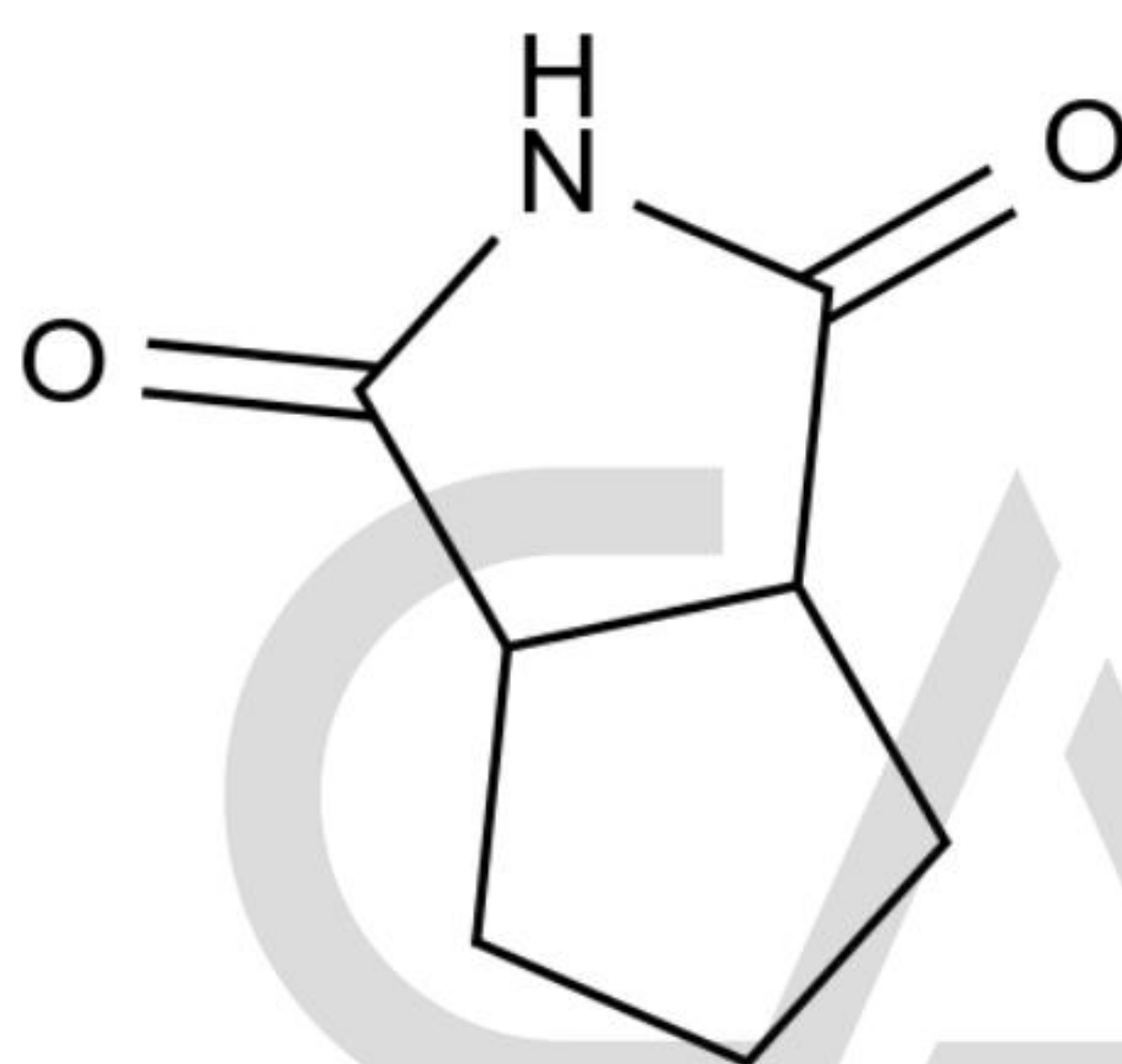
## Reference Material & Standard

|                    |                                               |                   |                                           |
|--------------------|-----------------------------------------------|-------------------|-------------------------------------------|
| Product Name:      | Gliclazide Impurity 3                         | Catalogue Number: | C1825125                                  |
| Synonyms:          | N/A                                           | Lot Number:       | 0320-RF-0046                              |
| CAS Number:        | 5763-44-0                                     | Expiry Date:      | Mar 21, 2028                              |
| Molecular Formula: | C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub> | Storage:          | 2°C ~ 8°C Protected from light and Sealed |
| Molecular Weight:  | 139.15                                        |                   |                                           |

Warning:



Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 100.000%    |
| Loss on Drying | TGA               | 0.2801%     |
| Assay          |                   | 99.7%       |

## 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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Date: Mar 22, 2024

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