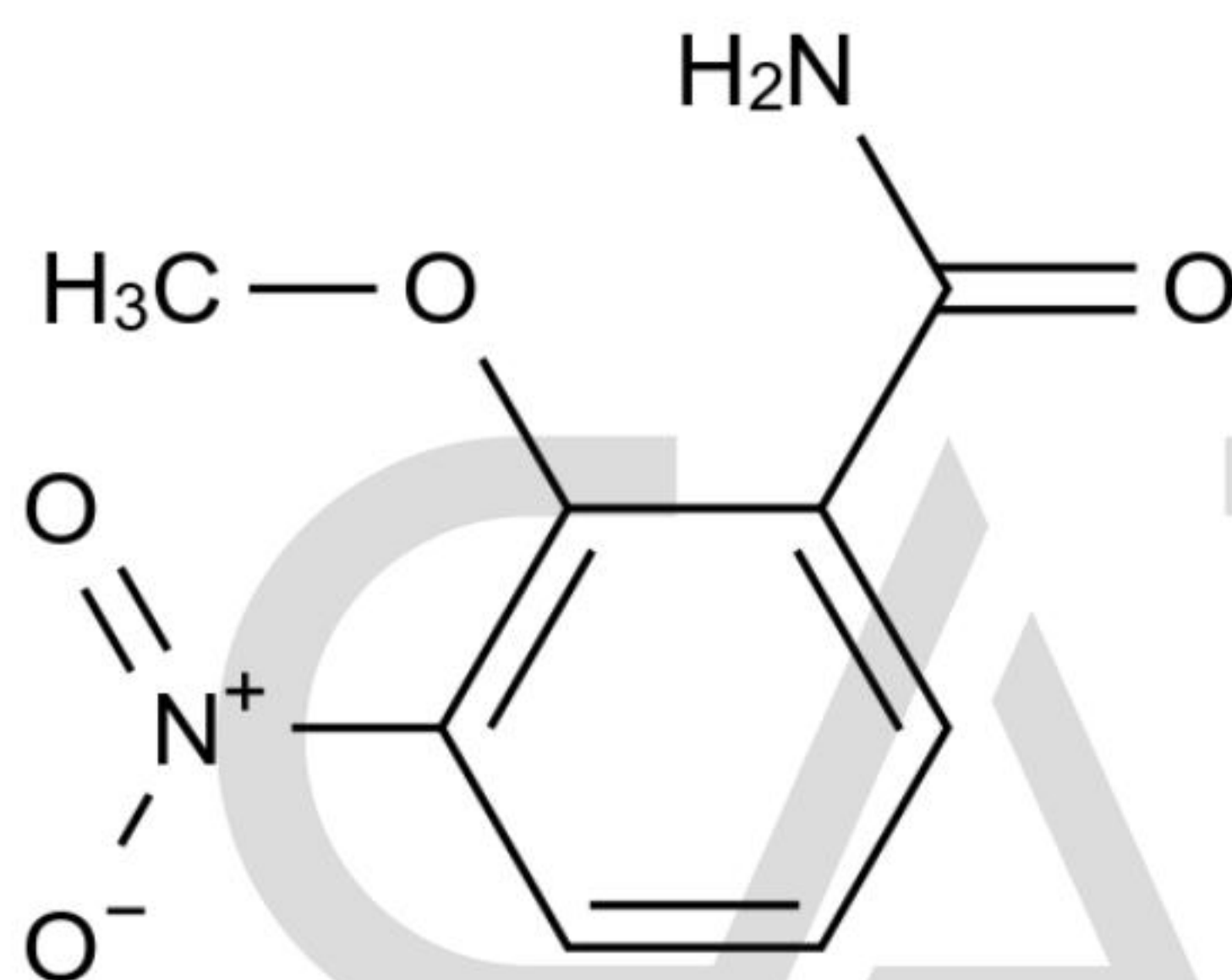


# Certificate of Analysis

## Reference Material & Standard

|                           |                                                             |                            |                                                                                      |
|---------------------------|-------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------|
| <b>Product Name:</b>      | 2-Methoxy-3-nitrobenzamide                                  | <b>Catalogue Number:</b>   | C1632419                                                                             |
| <b>Synonyms:</b>          | N/A                                                         | <b>Lot Number:</b>         | 0423-RH-0020                                                                         |
| <b>CAS Number:</b>        | 722538-98-9                                                 | <b>Expiry Date:</b>        | Apr 27, 2030                                                                         |
| <b>Molecular Formula:</b> | C <sub>8</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub> | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed                                            |
| <b>Molecular Weight:</b>  | 196.16                                                      | <b>Shipping Condition:</b> | Shipping at Room Temperature                                                         |
| <b>Solubility:</b>        | Acetonitrile                                                | <b>Warning:</b>            |  |

Chemical Structure:



| Test Items     | Method            | Results            |
|----------------|-------------------|--------------------|
| Appearance     | Visual inspection | Light Yellow Solid |
| Identification | LCMS&HNMR         | Confirmed          |
| Purity         | HPLC              | 99.638%            |
| Loss on Drying | TGA               | 0.0132%            |
| Assay          |                   | 99.6%              |

## 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:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Apr 28, 2026

Date: Apr 28, 2026

Date: Apr 28, 2026



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