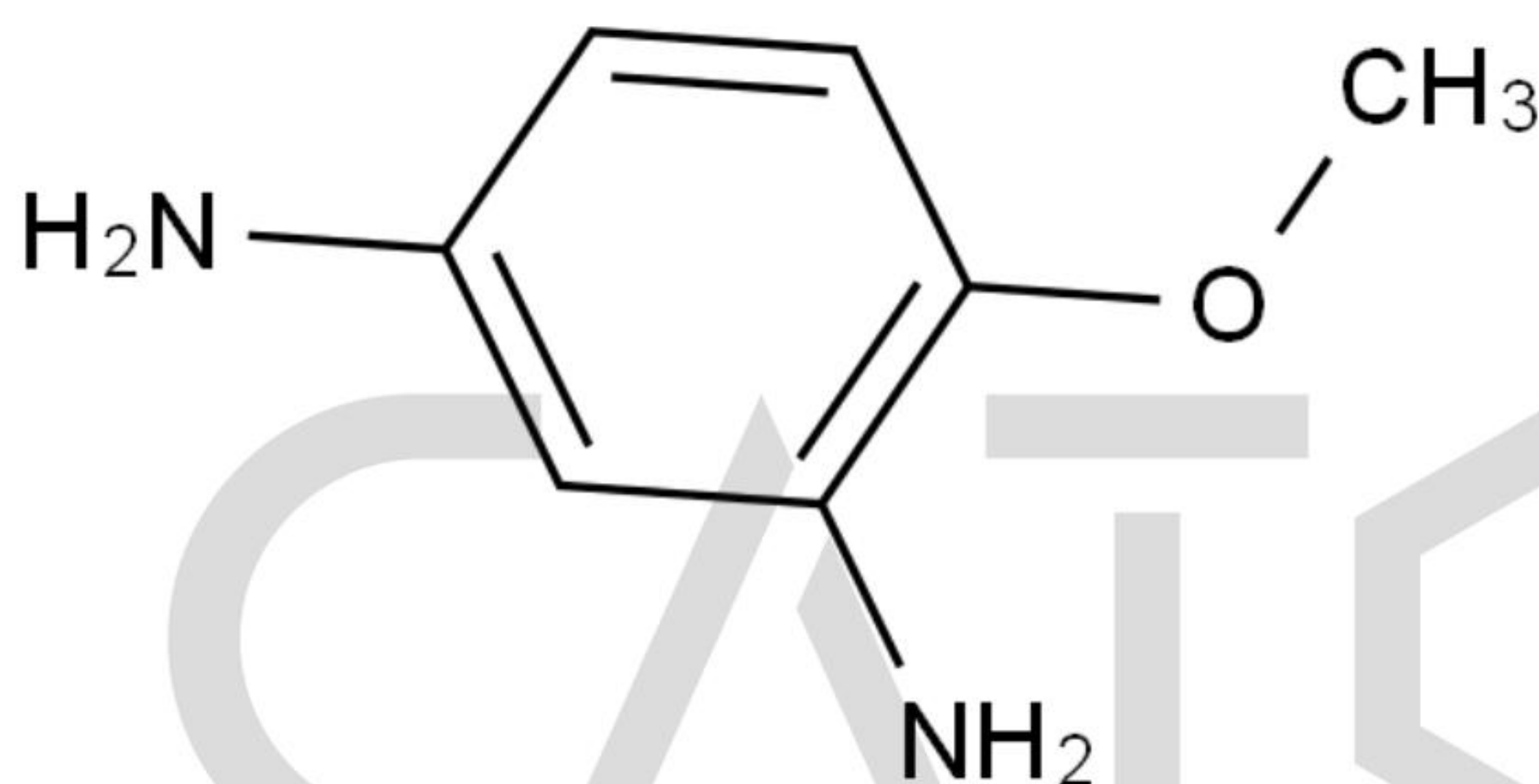


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                 |                   |                                                                                     |
|--------------------|-------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | 2,4-Diaminoanisole                              | Catalogue Number: | CAZO111408                                                                          |
| Synonyms:          | N/A                                             | Lot Number:       | 0115-RG-0037                                                                        |
| CAS Number:        | 615-05-4                                        | Expiry Date:      | Jan 14, 2028                                                                        |
| Molecular Formula: | C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O | Storage:          | -20°C±5°C Protected from light and Sealed                                           |
| Molecular Weight:  | 138.17                                          | Warning:          |  |

Chemical Structure:



| Test Items     | Method            | Results    |
|----------------|-------------------|------------|
| Appearance     | Visual inspection | Grey Solid |
| Identification | LCMS&HNMR         | Confirmed  |
| Purity         | HPLC              | 99.5%      |
| Assay          | qNMR              | 99.0%      |
| Uncertainty    |                   | ±2.0%      |

## Comment:

1. Assay was determined by quantitative <sup>1</sup>H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

## Signature:

Prepared by:

*Lisa*

Reviewed by:

*Hin lam*

Approved by General Manager:

*David*

Date: Jan 16, 2025

Date: Jan 17, 2025

Date: Jan 17, 2025

