

## Certificate of Analysis

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
Standard ISO9001:2015 by LRQA. Certificate Number. 10551915

|                            |  |
|----------------------------|--|
| Catalogue Number:          | B21080   |
| LOT Number:                | A0415942   |
| CAS Number:                | 97-02-9  |
| Description                | 2,4-Dinitroaniline, 99% (dry wt.), cont. up to 15% water |
| Quality Test/Release Date: | 17-Dec-2024  |
| Retest Date:               | 17-Dec-2029  |
| Country of Origin:         | Belgium  |
| Declaration of Origin:     | Synthetic  |
| BSE/TSE:                   |  |

| Result Name                            | Units | Specification   | Test Value         |
|--|-------|---|--------------------|
| Assay (HPLC)                           | %     | >98.5%  | 99.6               |
| Appearance (Color)                     |       | Yellow to green to pale brown                                 | Yellow             |
| Form                                   |       | Crystals or powder or crystalline powder or fused/lumpy solid | Crystalline powder |
| Water Content (Karl Fischer Titration) | %     | <15.0%  | 9.4                |
| Melting Point (clear melt)             | °     | 176.0-182.0°C   | 180                |

### Additional Information

Certified by:



Paul Coleman  
Quality Control Team Leader

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.