

## Certificate of Analysis

Date of Testing: 2023-11-14 10:35:48  
Date of Next Testing: 2025-11-13 10:35:48  
Product Name: **2,4-Dinitrobenzoic acid**  
CAS Number: 610-30-0  
Specifications & Purity: 98%  
Lot #: B2207342  
SKU #: **D136422**  
Analysis: **294982**

| Parameter                      | Limit Values                                     | Result   |
|--------------------------------|--|--|
| Carbon by Elemental Analysis   | 37.9-41.4 (%)                                    | 39.45 %  |
| Nitrogen by Elemental Analysis | 12.6-13.8 (%)                                    | 12.82 %  |
| Purity(HPLC)                   | 98-100 (%)                                       | 98.53000 %                                       |
| Appearance (D136422)           | White to Yellow Crystals to Powder and/or Chunks | White to Yellow Crystals to Powder and/or Chunks |
| Infrared spectrum              | Conforms to Structure                            | Conforms to Structure                            |
| Proton NMR spectrum            | Conforms to Structure                            | Conforms to Structure                            |



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QA & QC Manager