

## Certificate of Analysis

Date of Testing: 2022-02-10 10:36:44  
Date of Next Testing: 2024-02-10 10:36:44  
Product Name: **2,4-Dinitrobenzoic acid**  
CAS Number: 610-30-0  
Specifications & Purity: 98%  
Lot #: B2207345  
SKU #: **D136422**  
Analysis: **065144**

Parameter	Limit Values	Result
Carbon by Elemental Analysis	37.9-41.4 (%)	39.47 %
Nitrogen by Elemental Analysis	12.6-13.8 (%)	12.84 %
Purity(HPLC)	98-100 (%)	98.55000 %
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



John Su  
QA & QC Manager