

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-12 11:12:26  
Date of Next Testing: 2027-02-11 11:12:26  
Product Name: **4-Chloro-3,5-dinitrobenzoic Acid**  
CAS Number: 118-97-8  
Specifications & Purity: >98.0%(T)  
Lot #: B23071116  
SKU #: **C153753**  
Analysis: **146924**

| Parameter                        | Limit Values                                 | Result                                       |
|----------------------------------|--|--|
| Purity(Neutralization titration) | 98-100 (%)                                   | 99.46 %                                      |
| Melting point                    | 160-163 (°C)                                 | 162.85000 °C                                 |
| Appearance (C153753)             | Light yellow to yellow powder,crystals,solid | Light yellow to yellow powder,crystals,solid |
| Proton NMR spectrum              | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager