

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-11 15:24:31  
 Date of Next Testing: 2029-07-10 15:24:31  
 Product Name: **3-Chloro-2-nitrobenzoic acid**  
 CAS Number: 4771-47-5  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: L1324062  
 SKU #: **C120328**  
 Version: **1**  
 Analysis #: **539080**  
 Storage Temperature: Room temperature

| Parameter                  | Limit Values                                    | Result                                          |
|----------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(GC)                 | 98-100 (%)                                      | 99.30000 %                                      |
| Purity (Titration by NaOH) | 97.5-102.5 (%)                                  | 98.60000 %                                      |
| Melting point              | 235-241 (°C)                                    | 235.20000 °C                                    |
| Appearance (C120328)       | White to Light yellow to Tan Powder or Crystals | White to Light yellow to Tan Powder or Crystals |
| Solubility in MeOH         | almost transparency                             | almost transparency                             |
| Proton NMR spectrum        | Conforms to structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager