

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-13 14:23:08

Date of Next Testing: 2027-04-12 14:23:08

Product Name: **4,5-Dichloro-2-nitrotoluene**

CAS Number: 7494-45-3

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: D2307295

SKU #: **D155946**

Version: **0**

Analysis #: **153579**

Storage Temperature: Room temperature

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Purity(GC)          | 98-100 (%)            | 98.02000 %            |
| Melting point       | 60-64 (°C)            | 63.43000 °C           |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager