

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-03-06 16:03:37

Date of Next Testing: 2029-03-05 16:03:37

Product Name: **3-Fluoro-4-nitrotoluene**

CAS Number: 446-34-4

Specifications & Purity:  $\geq 99\%$

Lot #: H1710074

SKU #: **F120690**

Version: **1**

Analysis #: **478125**

Storage Temperature: Room temperature

| Parameter                      | Limit Values                                          | Result                                                                         |
|--------------------------------|-------------------------------------------------------|--------------------------------------------------------------------------------|
| Nitrogen by Elemental Analysis | 8.8-9.2 (%)                                           | 8.90000 %                                                                      |
| Melting point                  | 50-56 (°C)                                            | 53.60000 °C                                                                    |
| Carbon by Elemental Analysis   | 53.4-55 (%)                                           | 54.20000 %                                                                     |
| Purity(GC)                     | 99-100 (%)                                            | 99.20000 %                                                                     |
| Appearance (F120690)           | White to Yellow to Brown<br>Powder,crystals or Chunks | White to Light orange to Yellow to Brown to Green<br>Powder,crystals or Chunks |
| Infrared spectrum              | Conforms to Structure                                 | Conforms to Structure                                                          |
| NMR Spectrum 1H                | Conforms to Structure                                 | Conforms to Structure                                                          |



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QA & QC Manager