

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-07 11:24:03  
Date of Next Testing: 2026-06-06 11:24:03  
Product Name: **4-Methyl-3,5-dinitrobenzoic Acid**  
CAS Number: 16533-71-4  
Specifications & Purity: >98.0%  
Lot #: F2204831  
SKU #: **M158281**  
Analysis: **084532**

| Parameter            | Limit Values                             | Result                                   |
|----------------------|--|--|
| Purity(HPLC)         | 98-100 (%)                               | 98.87300 %                               |
| Melting point        | 158-162 (°C)                             | 159.61000 °C                             |
| Appearance (M158281) | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| Proton NMR spectrum  | Conforms to Structure                    | Conforms to Structure                    |



John Su  
QA & QC Manager