

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-18 14:36:52  
 Date of Next Testing: 2026-06-08 14:36:52  
 Product Name: **2-Methyl-5-nitrophenol**  
 CAS Number: 5428-54-6  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: I2201619  
 SKU #: **M110310**  
 Version: **1**  
 Analysis #: **371086**  
 Storage Temperature: Room temperature

| Parameter                        | Limit Values                            | Result                                  |
|----------------------------------|-----------------------------------------|-----------------------------------------|
| Purity(Neutralization titration) | 97.5-102.5 (%)                          | 101.10000 %                             |
| Melting point                    | 114-121 (°C)                            | 114.10000 °C                            |
| Purity(GC)                       | 98-100 (%)                              | 98.02000 %                              |
| Appearance (M110310)             | White to light brown crystalline powder | White to light brown crystalline powder |
| Proton NMR spectrum              | Conforms to structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager