

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-08 22:05:06  
 Date of Next Testing: 2026-01-07 22:05:06  
 Product Name: **4-Methoxy-2-nitrobenzoic acid**  
 CAS Number: 33844-21-2  
 Specifications & Purity:  $\geq 97\%$   
 Lot #: A2206672  
 SKU #: **M123933**  
 Version: **1**  
 Analysis #: **049309**  
 Storage Temperature: Room temperature

| Parameter                  | Limit Values                                       | Result                                             |
|----------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity (Titration by NaOH) | 96.5-103.5 (%)                                     | 99.50000 %                                         |
| Purity(HPLC)               | 97-100 (%)                                         | 99.11900 %                                         |
| Melting point              | 192-200 (°C)                                       | 198.21000 °C                                       |
| Appearance (M123933)       | White to light orange powder,crystals and/or chunk | White to light orange powder,crystals and/or chunk |
| Infrared spectrum          | Conforms to Structure                              | Conforms to Structure                              |
| Proton NMR spectrum        | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager