

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

# Certificate of Analysis

Date of Testing: 2022-11-26 11:44:01

Date of Next Testing: 2026-11-25 11:44:01

Product Name: **5-Methyl-2-nitrobenzoic acid**

CAS Number: 3113-72-2

Specifications & Purity:  $\geq 98\%$

Lot #: K2223580

SKU #: **M123937**

Version: **2**

Analysis #: **119077**

Storage Temperature: Room temperature

| Parameter                        | Limit Values                                    | Result                                          |
|----------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(Neutralization titration) | 98-100 (%)                                      | 99.20000 %                                      |
| Melting point                    | 133-137 (°C)                                    | 136.74000 °C                                    |
| Purity(HPLC area)                | 98-100 (%)                                      | 99.70500 %                                      |
| Appearance (M123937)             | white to yellow powder, crystals, and/or chunks | white to yellow powder, crystals, and/or chunks |
| NMR Spectrum 1H                  | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager