

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-15 13:25:51  
 Date of Next Testing: 2027-12-14 13:25:51  
 Product Name: **3,5-Dimethyl-4-nitropyridine-2-methanol**  
 CAS Number: 149082-03-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: D1625076  
 SKU #: **D124043**  
 Version: **0**  
 Analysis #: **305040**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                    | Result                          |
|--------------------------------|---------------------------------|---------------------------------|
| Nitrogen by Elemental Analysis | 14.8-15.9 (%)                   | 15.20000 %                      |
| Carbon by Elemental Analysis   | 50.9-54.6 (%)                   | 51.20000 %                      |
| Melting point                  | 66-70 (°C)                      | 68.14000 °C                     |
| Purity(GC)                     | 98-100 (%)                      | 98.10000 %                      |
| Purity(Nonaqueous Titration)   | 97.5-102.5 (%)                  | 98.30000 %                      |
| Appearance (D124043)           | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| Infrared spectrum              | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager