

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-13 09:53:28  
 Date of Next Testing: 2028-05-12 09:53:28  
 Product Name: **2-Hydroxy-4-methyl-5-nitropyridine**  
 CAS Number: 21901-41-7  
 Specifications & Purity:  $\geq 98\%$ (GC)  
 Lot #: D2428349  
 SKU #: **H123452**  
 Version: **0**  
 Analysis #: **335327**  
 Storage Temperature: Room temperature

| Parameter                                  | Limit Values                                      | Result                                            |
|--------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(Neutralization titration)           | 97.5-102.5 (%)                                    | 101.08000 %                                       |
| Purity(GC)                                 | 98-100 (%)                                        | 98.20000 %                                        |
| Infrared spectrum                          | Conforms to Structure                             | Conforms to Structure                             |
| Appearance (H123452)                       | Yellow to Orange Powder                           | Yellow to Orange Powder                           |
| Solubility in MeOH/CHCl <sub>3</sub> (1/1) | Clear,Colorless to Yellow-Green or Orange,25mg/ml | Clear,Colorless to Yellow-Green or Orange,25mg/ml |



John Su  
QA & QC Manager