

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-23 18:52:24  
 Date of Next Testing: 2027-02-22 18:52:24  
 Product Name: **2-Chloro-5-nitropyridine**  
 CAS Number: 4548-45-2  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: B2318388  
 SKU #: **C106559**  
 Version: **0**  
 Analysis #: **014921**  
 Storage Temperature: Room temperature

| Parameter                                        | Limit Values                              | Result                                    |
|--------------------------------------------------|-------------------------------------------|-------------------------------------------|
| Purity(GC)                                       | 99-100 (%)                                | 99.14700 %                                |
| Melting point                                    | 107-111 (°C)                              | 110.84000 °C                              |
| Purity(O2 AgNO3 titration with after combustion) | 98.5-101.5 (%)                            | 99.99600 %                                |
| Appearance (C106559)                             | White to Yellow to Brown to Grey<br>Solid | White to Yellow to Brown to Grey<br>Solid |
| Proton NMR spectrum                              | Conforms to Structure                     | Conforms to Structure                     |



John Su  
QA & QC Manager