

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-08-21 15:58:22  
Date of Next Testing: 2027-08-21 15:58:22  
Product Name: **2-Chloro-4-cyanopyridine**  
CAS Number: 33252-30-1  
Specifications & Purity: 97%  
Lot #: K2111509  
SKU #: **C107767**  
Version: **0**  
Analysis #: **402332**

| Parameter            | Limit Values                            | Result                                  |
|----------------------|---|---|
| Purity(GC)           | 97-100 (%)                              | 97.40 %                                 |
| Melting point        | 66-73 (°C)                              | 72.10000 °C                             |
| Appearance (C107767) | white to light brown powder or crystals | white to light brown powder or crystals |
| Infrared spectrum    | Conforms to Structure                   | Conforms to Structure                   |
| Proton NMR spectrum  | Conforms to Structure                   | Conforms to Structure                   |



John Su  
QA & QC Manager