

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-08-21 16:03:32  
 Date of Next Testing: 2027-08-20 16:03:32  
 Product Name: **2-Cyano-5-fluoropyridine**  
 CAS Number: 327056-62-2  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: H2314059  
 SKU #: **C119652**  
 Version: **0**  
 Analysis #: **219996**  
 Storage Temperature: Room temperature

| Parameter                      | Limit Values                           | Result                                 |
|--------------------------------|----------------------------------------|----------------------------------------|
| Nitrogen by Elemental Analysis | 22.1-23.7 (%)                          | 22.58000 %                             |
| Purity(GC)                     | 98-100 (%)                             | 99.39800 %                             |
| Carbon by Elemental Analysis   | 57-61.1 (%)                            | 58.63000 %                             |
| Proton NMR spectrum            | Conforms to Structure                  | Conforms to Structure                  |
| Appearance (C119652)           | Colorless to White to Light blue Solid | Colorless to White to Light blue Solid |
| Infrared spectrum              | Conforms to Structure                  | Conforms to Structure                  |



John Su  
 QA & QC Manager