

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-18 11:57:27  
 Date of Next Testing: 2027-05-17 11:57:27  
 Product Name: **2-Amino-5-chloropyrimidine**  
 CAS Number: 5428-89-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2311281  
 SKU #: **A113872**  
 Version: **0**  
 Analysis #: **092949**  
 Storage Temperature: Room temperature

| Parameter                               | Limit Values                              | Result                                    |
|-----------------------------------------|-------------------------------------------|-------------------------------------------|
| Carbon by Elemental Analysis            | 35.9-37.6 (%)                             | 37.38000 %                                |
| Nitrogen by Elemental Analysis          | 30.8-32.9 (%)                             | 32.41000 %                                |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                            | 100.20000 %                               |
| Purity(GC)                              | 98-100 (%)                                | 98.84800 %                                |
| Appearance (A113872)                    | White to Yellow Powder,Flakes or Crystals | White to Yellow Powder,Flakes or Crystals |
| Proton NMR spectrum                     | Conforms to Structure                     | Conforms to Structure                     |



John Su  
 QA & QC Manager