

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-28 13:15:34

Date of Next Testing: 2029-08-27 13:15:34

Product Name: **5-Amino-4-imidazolecarboxamide hydrochloride**

CAS Number: 72-40-2

Specifications & Purity:  $\geq 98\%$

Lot #: A1818085

SKU #: **A124057**

Version **0**

**Analysis #:** **560494**

Storage Temperature: Room temperature, Argon charged

| Parameter                       | Limit Values                                        | Result                                              |
|---------------------------------|-----------------------------------------------------|-----------------------------------------------------|
| Purity(HPLC)                    | 98-100 (%)                                          | 99.00000 %                                          |
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                                      | 98.90000 %                                          |
| Appearance (A124057)            | White to pale yellow to pale brown powder, crystals | White to pale yellow to pale brown powder, crystals |
| Infrared spectrum               | Conforms to Structure                               | Conforms to Structure                               |
| Solubility in H <sub>2</sub> O  | Almost transparency                                 | almost transparency                                 |



John Su  
QA & QC Manager