

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-28 15:03:45  
 Date of Next Testing: 2027-05-18 15:03:45  
 Product Name: **Imidazole-2-carboxaldehyde**  
 CAS Number: 10111-08-7  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: E2520105  
 SKU #: **I121988**  
 Version: **5**  
 Analysis #: **454508**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                    | Limit Values                    | Result                          |
|------------------------------|---------------------------------|---------------------------------|
| Purity(HPLC area)            | 98-100 (%)                      | 98.79300 %                      |
| Carbon by Elemental Analysis | 48-51 (%)                       | 48.88000 %                      |
| Appearance (I121988)         | White to Tan Powder or Crystals | White to Tan Powder or Crystals |
| NMR spectrum                 | Conforms to Structure           | Conforms to Structure           |
| Carbon NMR Spectrum          | Conforms to structure           | Conforms to Structure           |



John Su  
QA & QC Manager