

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-03-14 13:19:25  
Date of Next Testing: 2028-03-13 13:19:25  
Product Name: **1H-Imidazole-4-carboxylic acid**  
CAS Number: 1072-84-0  
Specifications & Purity: 98%  
Lot #: G1223067  
SKU #: **I111403**  
**Analysis:** **330731**  
Storage Temperature: Store at 2-8°C

| Parameter            | Limit Values                                      | Result                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Melting point        | 269-285 (°C)                                      | 269.20000 °C                                      |
| Purity(HPLC)         | 98-100 (%)                                        | 98.77950 %                                        |
| Appearance (I111403) | White to Light Yellow to Brown Crystals or Powder | White to Light Yellow to Brown Crystals or Powder |
| Proton NMR spectrum  | Conforms to Structure                             | Conforms to Structure                             |



John Su  
QA & QC Manager