

Shanghai Aladdin Biochemical Technology Co., LTD  
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## Certificate of Analysis

Date of Testing: 2024-06-28 09:44:27  
Date of Next Testing: 2028-06-27 09:44:27  
Product Name: **1H-Imidazole-4-carboxylic acid**  
CAS Number: 1072-84-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: F2421550  
SKU #: **I111403**  
Version: **0**  
Analysis #: **364756**  
Storage Temperature: Store at 2-8°C

| Parameter            | Limit Values                                      | Result                                            |
|----------------------|---------------------------------------------------|---------------------------------------------------|
| Melting point        | 269-285 (°C)                                      | 274.23000 °C                                      |
| Purity(HPLC)         | 98-100 (%)                                        | 99.01300 %                                        |
| 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                             |

