

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

## Certificate of Analysis

Date of Testing: 2022-06-09 18:41:20  
Date of Next Testing: 2026-06-08 18:41:20  
Product Name: **Imidazole hydrochloride**  
CAS Number: 1467-16-9  
Specifications & Purity: 98%  
Lot #: F2206364  
SKU #: **I120637**  
Analysis: **078271**

| Parameter                  | Limit Values                                     | Result                                           |
|----------------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC)               | 98-100 (%)                                       | 99.92000 %                                       |
| Purity(Titration by AgNO3) | 97.5-102.5 (%)                                   | 102.49000 %                                      |
| Proton NMR spectrum        | Conforms to structure                            | Conforms to Structure                            |
| Appearance (I120637)       | White to Off-White crystalline powder or crystal | White to Off-White crystalline powder or crystal |



John Su  
QA & QC Manager