

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

## Certificate of Analysis

Date of Testing: 2023-03-27 10:12:15  
Date of Next Testing: 2026-03-26 10:12:15  
Product Name: **6-Bromo-2-methyl-1H-imidazo[4,5-b]pyridine**  
CAS Number: 42869-47-6  
Specifications & Purity:  $\geq 97\%$   
Lot #: C23151158  
SKU #: **B170325**  
Version: **1**  
Analysis #: **189253**  
Storage Temperature: Store at 2-8°C

| Parameter                      | Limit Values                                                                                            | Result                                                                                                  |
|--------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Purity(HPLC area)              | 97-100 (%)                                                                                              | 99.72400 %                                                                                              |
| Carbon by Elemental Analysis   | 38.3-41 (%)                                                                                             | 39.66500 %                                                                                              |
| Nitrogen by Elemental Analysis | 19.1-20.5 (%)                                                                                           | 19.64200 %                                                                                              |
| Appearance(B170325)            | White to Beige and Faint Brown to Brown Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s) | White to Beige and Faint Brown to Brown Powder or Solid or Crystals or Crystalline Chunk(s) or Chunk(s) |
| NMR Spectrum 1H                | Conforms to Structure                                                                                   | Conforms to Structure                                                                                   |



John Su  
QA & QC Manager