

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-08 15:12:52

Date of Next Testing: 2028-08-28 15:12:52

Product Name: **4-Bromo-1H-imidazole**

CAS Number: 2302-25-2

Grades & Purity:  $\geq 97\%$

Lot #: L2419344

SKU #: **B119330**

Version: **1**

Analysis #: **769538**

Storage Temperature: Room temperature, Argon charged

| Parameter                      | Limit Values                                            | Result                                                  |
|--------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| Melting point                  | 131-135 (°C)                                            | 134.94800 °C                                            |
| Purity(GC)                     | 97-100 (%)                                              | 99.18800 %                                              |
| Nitrogen by Elemental Analysis | 18.4-19.7 (%)                                           | 18.52800 %                                              |
| Purity(Nonaqueous Titration)   | 97-100 (%)                                              | 97.99800 %                                              |
| Carbon by Elemental Analysis   | 23.6-25.4 (%)                                           | 24.09900 %                                              |
| Appearance (B119330)           | White to Light yellow to Light orange powder to crystal | White to Light yellow to Light orange powder to crystal |
| Proton NMR spectrum            | Conforms to structure                                   | Conforms to Structure                                   |



John Su  
QA & QC Manager