

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-30 18:42:58  
 Date of Next Testing: 2029-12-29 18:42:58  
 Product Name: **5-Aminobenzimidazole**  
 CAS Number: 934-22-5  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: L2529071  
 SKU #: **A151159**  
 Version: **0**  
 Analysis #: **626264**  
 Storage Temperature: Room temperature, Argon charged

| Parameter                               | Limit Values                                                   | Result                                                         |
|-----------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Purity(HPLC)                            | 98-100 (%)                                                     | 98.50200 %                                                     |
| Purity(Titration by HClO <sub>4</sub> ) | 97.5-102.5 (%)                                                 | 99.54000 %                                                     |
| Melting point                           | 162-167 (°C)                                                   | 163.72000 °C                                                   |
| Proton NMR spectrum                     | Conforms to Structure                                          | Conforms to Structure                                          |
| Appearance (A151159)                    | White to beige to yellow or red-brown powder, fibers, crystals | White to beige to yellow or red-brown powder, fibers, crystals |



John Su  
QA & QC Manager