

## Certificate of Analysis

Date of Testing: 2023-06-30 15:36:47  
Date of Next Testing: 2025-06-29 15:36:47  
Product Name: **6-Bromo-1H-benzimidazole**  
CAS Number: 4887-88-1  
Specifications & Purity: 97%  
Lot #: F23271207  
SKU #: **B137245**  
Analysis: **226041**

| Parameter  | Limit Values                                       | Result   |
|--|--|--|
| Purity(HPLC)                                     | 97-100 (%)   | 97.75900 %   |
| Purity(O2 AgNO3 titration with after combustion) | 96.5-103.5 (%)                                     | 101.86 %   |
| Melting point                                    | 127-131 (°C)                                       | 127.08000 °C                                       |
| Appearance (B137245)                             | White to Tan Solid, Powder, Crystals and/or Chunks | White to Tan Solid, Powder, Crystals and/or Chunks |
| Proton NMR spectrum                              | Conforms to Structure                              | Conforms to Structure                              |



John Su  
QA & QC Manager