

## Certificate of Analysis

Date of Testing: 2023-07-17 11:34:46

Date of Next Testing: 2027-07-16 11:34:46

Product Name: **2,2'-Biimidazole**

CAS Number: 492-98-8

Specifications & Purity: 97%

Lot #: G2311559

SKU # **B152374**

Analysis: **231580**

| Parameter           | Limit Values                                                  | Result                                                        |
|---------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Purity(HPLC)        | 97-100 (%)                                                    | 99.47700 %                                                    |
| Proton NMR spectrum | Conforms to Structure                                         | Conforms to Structure                                         |
| Appearance(B152374) | Light yellow to Brown to grey to Dark green powder to crystal | Light yellow to Brown to grey to Dark green powder to crystal |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager