

## Certificate of Analysis

Date of Testing: 2025-03-07 16:55:14

Date of Next Testing: 2029-03-06 16:55:14

Product Name: **2-Methylimidazole**

CAS Number: 693-98-1

Specifications & Purity:  $\geq 98\%$

Lot #: B2528481

SKU #: **M104839**

Version: **4**

Analysis #: **435860**

Storage Temperature: Argon charged

| Parameter                                                                             | Limit Values                                    | Result                                          |
|---------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)                                                                          | 98-100 (%)                                      | 100.00000 %                                     |
| Melting point                                                                         | 142-146 (°C)                                    | 145.95000 °C                                    |
| Appearance (M104839)                                                                  | White to Light Yellow Powder or Solid or chunks | White to Light Yellow Powder or Solid or chunks |
| Solubility in H <sub>2</sub> O , colorless to faint yellow clear pass to hazy,50mg/ml |                                                 | Pass                                            |
| Proton NMR spectrum                                                                   | Conforms to structure                           | Conforms to Structure                           |

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

John Su  
QA & QC Manager