

## Certificate of Analysis

Date of Testing: 2024-02-27 09:30:17  
Date of Next Testing: 2028-02-26 09:30:17  
Product Name: **2-Methylimidazole**  
CAS Number: 693-98-1  
Specifications & Purity: 98%  
Lot #: B2422096  
SKU #: **M104839**  
**Analysis:** **319250**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	99.87%
Melting point	142-146 (°C)	145.61000 °C
Purity(HPLC)	98-100 (%)	99.89600%
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



John Su  
QA & QC Manager