

## Certificate of Analysis

Date of Testing: 2025-06-19 11:45:13  
Date of Next Testing: 2028-06-18 11:45:13  
Product Name: **Choline bicarbonate**  
CAS Number: 78-73-9  
Specifications & Purity: 80% aqueous solution  
Lot #: F2513273  
SKU #: **C693375**  
Version: **1**  
Analysis #: **488661**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Concentration	75-85 (%)	81.13%
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solvent(Water)	Conform	Conform



John Su  
QA & QC Manager