

## Certificate of Analysis

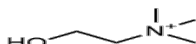
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Product Name: Choline  
Cat. No.: GB57726  
Batch No.: 2  
Chemical Name:

### PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 62-49-7  
Molecular Formula:  $C_5H_{14}NO^+$   
Molecular Weight: 104.17  
Storage: Store at 2-8°C

Chemical Structure:



### ANALYTICAL DATA

Appearance: A solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >90.00%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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