

## Certificate of Analysis

Date of Testing: 2024-12-26 13:10:48  
Date of Next Testing: 2028-12-25 13:10:48  
Product Name: **Benzyldimethylstearylammonium Chloride Hydrate**  
CAS Number: 122-19-0  
Specifications & Purity:  $\geq 98\%$ (T)  
Lot #: L2413119  
SKU #: **B152313**  
Version: **0**  
Analysis #: **454811**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	90-100 (%)	95.60000 %
Water by Karl Fischer	0-12 (%)	1.11 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	97.5-102.5 (%)	99.15 %
Appearance (B152313)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager