

Certificate of Analysis

Date of Testing: 2024-10-10 16:41:19

Date of Next Testing: 2028-10-09 16:41:19

Product Name: **Choline bitartrate**

CAS Number: 87-67-2

Specifications & Purity: 98% ,contains silicon dioxide as stabilizer

Lot #: L2018040

SKU # **C301989**

Version **0**

Analysis #: **417256**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.09 %
Appearance (C301989Form)	Powder	Powder
Appearance (C301989Color)	White	White
Colorless, clear to slightly hazy,100 mg/ml,H2O	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager