

Certificate of Analysis

Date of Testing:	2025-06-26 17:20:02
Date of Next Testing:	2027-06-26 17:20:02
Product Name:	Acetylcholine chloride (ACh)
CAS Number:	60-31-1
Specifications & Purity:	≥99%
Lot #:	F2519224
SKU #	A111014
Version	1
Analysis #:	534982
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Melting point	149-153 (°C)	152.30000 °C
Purity(on anhydrous substance) (argentometric titration)	98.5-101.5 (%)	99.90 %
Purity(HPLC)	99-100 (%)	99.76000 %
Loss on drying	0-1 (%)	0.10 %
Appearance (A111014)	White to Faint Yellow Powder, Crystals or Granules	White to Faint Yellow Powder, Crystals or Granules
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Light Yellow,Clear,100mg/ml	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager