

Certificate of Analysis

Date of Testing: 2025-01-03 18:31:16
Date of Next Testing: 2027-01-03 18:31:16
Product Name: **Acetylcholine chloride**
CAS Number: 60-31-1
Specifications & Purity: $\geq 99\%$
Lot #: L2425228
SKU #: **A111014**
Version: **1**
Analysis #: **440004**
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 (%)	99.10000 %
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