

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-09-04 10:41:19
Date of Next Testing:	2025-09-03 10:41:19
Product Name:	Acetylcholine chloride
CAS Number:	60-31-1
Specifications & Purity:	99%
Lot #:	H2330067
SKU #	A111014
Analysis:	266507
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Melting point	149-153 (°C)	151.82000 °C
Purity(HPLC)	98-100 (%)	99.88600 %
Loss on drying	0-1 (%)	0.00 %
Purity(on anhydrous substance) (argentometric titration)	98.5-101.5 (%)	101.38 %
Appearance (A111014)	White to Faint Yellow Powder, Crystals or Granules	White to Faint Yellow Powder, Crystals or Granules
Solubility in H ₂ O , Colorless to Light Yellow,Clear,100mg/ml	pass	Pass
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager