

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-26 17:15:36

Date of Next Testing: 2027-06-26 17:15:36

Product Name: **Acetylcholine chloride (ACh)**

CAS Number: 60-31-1

Specifications & Purity: $\geq 99\%$

Lot #: F2519223

SKU #: **A111014**

Version: **2**

Analysis #: **534982**

Storage Temperature: Room 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 (%)	99.90000 %
Purity(HPLC)	99-100 (%)	99.76000 %
Loss on drying	0-1 (%)	0.10000 %
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