

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-29 10:52:50
Date of Next Testing: 2026-03-29 10:52:50
Product Name: **Acetylcholine chloride**
CAS Number: 60-31-1
Specifications & Purity: 99%
Lot #: C2414105
SKU #: **A111014**
Analysis: **323550**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	149-153 (°C)	151.20000 °C
Purity(HPLC)	98-100 (%)	99.91000 %
Loss on drying	0-1 (%)	0.32 %
Purity(on anhydrous substance) (argentometric titration)	98.5-101.5 (%)	101.45 %
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