

Certificate of Analysis

Date of Testing: 2024-11-22 13:21:27
Date of Next Testing: 2026-11-22 13:21:27
Product Name: **Acetylcholine chloride**
CAS Number: 60-31-1
Specifications & Purity: $\geq 99\%$
Lot #: K2413158
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 |



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