

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-11 14:39:38

Date of Next Testing: 2029-03-10 14:39:38

Product Name: **Choline chloride**

CAS Number: 67-48-1

Specifications & Purity: for cell culture, for insect cell culture, ≥99%

Lot #: C2503079

SKU #: **C108897**

Version: **0**

Analysis #: **472866**

Storage Temperature: Argon charged, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-0.5 (%)	0.16 %
Melting point	302-310 (°C)	305.35000 °C
Purity(Titration by AgNO ₃)	99-100 (%)	100.00 %
Appearance (C108897)	White Powder, Crystals or Chunks	White Powder, Crystals or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 200mg/4ML	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su
QA & QC Manager