

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-01-20 13:41:41
Date of Next Testing: 2026-01-19 13:41:41
Product Name: **Choline chloride**
CAS Number: 67-48-1
Specifications & Purity: for cell culture , for insect cell culture , >99%
Lot #: A2214394
SKU #: **C108897**
Analysis: **059431**
Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Purity(Titration by AgNO3)	99-100 (%)	99.71 %
Water by Karl Fischer	0-0.5 (%)	0.46 %
Melting point	302-310 (°C)	305.00000 °C
Appearance (C108897)	White powder	White powder
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass
Solubility in H2O , 200mg/4ML	pass	Pass



John Su
QA & QC Manager