

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-01 11:32:20
 Date of Next Testing: 2029-06-30 11:32:20
 Product Name: **Choline chloride**
 CAS Number: 67-48-1
 Specifications & Purity: AR, ≥98%
 Lot #: F2520248
 SKU #: **C108896**
 Version: **2**
 Analysis #: **518280**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Ignition Residue (as sulfate)	0-0.05 (%)	0.00000 %
Heavy metal (as Pb)	0-0.002 (%)	0.00000 %
Assay	98-100 (%)	99.98000 %
Ammonia (NH ₄)	0-0.1 (%)	0.10000 %
Appearance (C108896)	White Powder or Crystals	White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 500 mg/ml in H ₂ O	pass	Pass
Trimethylamine	pass	Pass



John Su
QA & QC Manager