

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-15 15:10:50
Date of Next Testing: 2028-10-14 15:10:50
Product Name: **Choline hydroxide solution**
CAS Number: 123-41-1
Specifications & Purity: 44 wt. % in H₂O
Lot #: J2410282
SKU #: **C166651**
Version: **0**
Analysis #: **415417**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

| Parameter | Limit Values | Result |
|---|-------------------------|-------------------------|
| Purity(Titration by HClO ₄) | 38-50 (%) | 44.74 % |
| Appearance (C166651) | Colorless to tan liquid | Colorless to tan liquid |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager