

Certificate of Analysis

Date of Testing: 2023-04-27 18:26:59
Date of Next Testing: 2027-04-26 18:26:59
Product Name: **Choline hydroxide solution**
CAS Number: 123-41-1
Specifications & Purity: 44 wt. % in H₂O
Lot #: D2325450
SKU #: **C166651**
Analysis: **214045**
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	38-50 (%)	46.04 %
Appearance (C166651)	Colorless to tan liquid	Colorless to tan liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager