

Certificate of Analysis

Date of Testing: 2024-12-23 17:56:46

Date of Next Testing: 2028-12-22 17:56:46

Product Name: **Choline hydroxide solution**

CAS Number: 123-41-1

Specifications & Purity: 44 wt. % in H₂O

Lot #: L2419672

SKU #: **C166651**

Version: **0**

Analysis #: **448258**

Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	38-50 (%)	45.17 %
Appearance (C166651)	Colorless to tan liquid	Colorless to tan liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager